

WBS No: 1CAFNN01  
Activity ID: 1CAFNN100

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1CAF  
Activity Filter \* Starts In FY \*

WBS No: 1CAFNN01	Title: Subcontract Integration
Activity ID: 1CAFNN100	Description: FY00 D&D Program - Subcontracts Integration

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
101	Prepare APR-111 compliant Purchase requisitions	1.00	Each	HC	32	32	1,710	0	0	1,710	835	2,545
102	Prepare & Submit accruals, Rev.and App.invoices	1.00	Each	HC	8	8	428	0	0	428	209	636
103	Consulting serv. on SOW devel. & other Proc.	1.00	Each	HC	36	36	1,924	0	0	1,924	939	2,863
104	Prep annual & life cycle forecasts & procurement	1.00	Each	HC	64	64	3,421	0	0	3,421	1,669	5,090
201	Prepare APR-111 compliant Purchase requisitions	1.00	Each	HC	360	360	19,242	0	0	19,242	9,390	28,632
202	Prepare & Submit accruals, Rev.and App.invoices	1.00	Each	HC	80	80	4,276	0	0	4,276	2,087	6,363
203	Consulting serv. on SOW devel. & other Proc.	1.00	Each	HC	36	36	1,924	0	0	1,924	939	2,863
204	Prep annual & life cycle forecasts & procurement	1.00	Each	HC	64	64	3,421	0	0	3,421	1,669	5,090
Total for Activity 1CAFNN100:						680	36,346	0	0	36,346	17,737	54,083

**Line Item 101 - Prepare APR-111 compliant Purchase requisitions**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs)for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None
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Resources	Cost Element	Skill	Department	Curve	Quantity	Units
	750 STRAIGHT TIME BASE	M020 MANAGERS (GRADE 69 - 72)	K311S D&D Program	Linear	16.00	Hours
Factors	16	Hours				
	750 STRAIGHT TIME BASE	M020 MANAGERS (GRADE 69 - 72)	K311S D&D Program	Linear	16.00	Hours
Factors	16	Hours				

**Line Item 102 - Prepare & Submit accruals, Rev.and App.invoices**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs)for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None
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Resources	Cost Element	Skill	Department	Curve	Quantity	Units
	750 STRAIGHT TIME BASE	M020 MANAGERS (GRADE 69 - 72)	K311S D&D Program	Linear	8.00	Hours
Factors	8	Hours				

**Line Item 103 - Consulting serv. on SOW devel. & other Proc.**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs)for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None
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Resources	Cost Element	Skill	Department	Curve	Quantity	Units
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WBS No: 1CAFNN01  
Activity ID: 1CAFNN100

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1CAF  
Activity Filter \*

Starts In FY \*

750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K311S	D&D Program	Linear	36.00	Hours
<i>Factors</i>		36	Hours					

**Line Item 104 - Prep annual & life cycle forecasts & procurement**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs)for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None							
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K311S	D&D Program	Linear	64.00	Hours
	Factors 64 Hours								

**Line Item 201 - Prepare APR-111 compliant Purchase requisitions**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs)for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None							
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Resources	<i>Cost Element</i>		<i>Skill</i>		<i>Department</i>		<i>Curve</i>	<i>Quantity</i>	<i>Units</i>
	750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K311S	D&D Program	Linear	360.00	Hours
	<i>Factors</i>	360	Hours						
	750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K311S	D&D Program	Linear	0.00	Hours
	<i>Factors</i>	0	Hours						

**Line Item 202 - Prepare & Submit accruals, Rev.and App.invoices**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs)for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None							
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K311S	D&D Program	Linear	80.00	Hours
	Factors 80 Hours								

**Line Item 203 - Consulting serv. on SOW devel. & other Proc.**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs)for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None							
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WBS No: 1CAFNN01  
Activity ID: 1CAFNN100

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1CAF  
Activity Filter \*

Resources	Cost Element	Skill	Department	Curve	Quantity	Units
750	STRAIGHT TIME BASE	M020 MANAGERS (GRADE 69 - 72)	K311S D&D Program	Linear	36.00	Hours

Factors 36 Hours

**Line Item 204 - Prep annual & life cycle forecasts & procurement**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None
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Resources	Cost Element	Skill	Department	Curve	Quantity	Units
750	STRAIGHT TIME BASE	M020 MANAGERS (GRADE 69 - 72)	K311S D&D Program	Linear	64.00	Hours

Factors 64 Hours

Activity ID: 1CAFNN101 Description: FY01 D&D Program - Subcontracts Integration

Cost Risk 1 Schedule Risk 1

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
101	Prepare APR-111 compliant Purchase requisitions	1.00	Each	HC	80	80	4,276	0	0	4,276	2,040	6,316
102	Prepare & Submit accruals. Rev.and App.invoices	1.00	Each	HC	60	60	3,207	0	0	3,207	1,530	4,737
103	Consulting serv. on SQW devel. & other Proc.	1.00	Each	HC	296	296	15,821	0	0	15,821	7,547	23,368
104	Prep annual & life cycle forecasts & procurement	1.00	Each	HC	192	192	10,262	0	0	10,262	4,895	15,158
201	Prepare APR-111 complaint Purchase requisitions	1.00	Each	HC	960	960	51,312	0	0	51,312	24,476	75,788
202	Prepare & Submit accruals. Rev.and App.invoices	1.00	Each	HC	240	240	12,828	0	0	12,828	6,119	18,947
203	Consulting serv. on SQW devel. & other Proc.	1.00	Each	HC	104	104	5,559	0	0	5,559	2,652	8,210
204	Prep annual & life cycle forecasts & procurement	1.00	Each	HC	192	192	10,262	0	0	10,262	4,895	15,158
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	8,890	8,890	0	8,890
Total for Activity 1CAFNN101:						2,124	113,528	0	8,890	122,418	54,153	176,570

**Line Item 101 - Prepare APR-111 compliant Purchase requisitions**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None
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Resources	Cost Element	Skill	Department	Curve	Quantity	Units
750	STRAIGHT TIME BASE	M020 MANAGERS (GRADE 69 - 72)	K311S D&D Program	Linear	40.00	Hours

Factors 40 Hours

750	STRAIGHT TIME BASE	M020 MANAGERS (GRADE 69 - 72)	K311S D&D Program	Linear	40.00	Hours
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Factors 40 Hours

**Line Item 102 - Prepare & Submit accruals, Rev.and App.invoices**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None
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WBS No: 1CAFNN01  
Activity ID: 1CAFNN101

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1CAF  
Activity Filter \*

Starts In FY \*

Basis for adjustment - None

Resources		Cost Element	Skill	Department	Curve	Quantity	Units
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K311S	D&D Program	Linear	60.00

Factors 60 Hours

**Line Item 103 - Consulting serv. on SOW devel. & other Proc.**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs)for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None
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Resources		Cost Element	Skill	Department	Curve	Quantity	Units
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K311S	D&D Program	Linear	296.00

Factors 296 Hours

**Line Item 104 - Prep annual & life cycle forecasts & procurement**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs)for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None
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Resources		Cost Element	Skill	Department	Curve	Quantity	Units
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K311S	D&D Program	Linear	192.00

Factors 192 Hours

**Line Item 201 - Prepare APR-111 complaint Purchase requisitions**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs)for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None
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Resources		Cost Element	Skill	Department	Curve	Quantity	Units
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K311S	D&D Program	Linear	720.00

Factors 720 Hours

750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K311S	D&D Program	Linear	240.00
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Factors 240 Hours

**Line Item 202 - Prepare & Submit accruals, Rev.and App.invoices**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs)for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A
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WBS No: 1CAFNN01  
Activity ID: 1CAFNN101

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1CAF  
Activity Filter \* Starts In FY \*

Revised Unit Cost - None  
Basis for adjustment - None

Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K311S	D&D Program	Linear	240.00	Hours
Factors 240 Hours									

**Line Item 203 - Consulting serv. on SOW devel. & other Proc.**

**BOE** Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J.  
Experience Item Desc -  
Breakdown of Cost Data:  
Item -  
Units -  
Unit Cost -  
Unit Cost Adjustment factor - N/A  
Revised Unit Cost - None  
Basis for adjustment - None

Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K311S	D&D Program	Linear	104.00	Hours
Factors 104 Hours									

**Line Item 204 - Prep annual & life cycle forecasts & procurement**

**BOE** Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J.  
Experience Item Desc -  
Breakdown of Cost Data:  
Item -  
Units -  
Unit Cost -  
Unit Cost Adjustment factor - N/A  
Revised Unit Cost - None  
Basis for adjustment - None

Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K311S	D&D Program	Linear	192.00	Hours
Factors 192 Hours									

**Line Item SYS - Contingency And Escalation**

Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	5.363.75	Dollars
Factors 5363.75 Dollars									
Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	ESC	ESCALATION	0000	NONE	ZDEPT	No Department	Linear	3.525.95	Dollars
Factors 3525.95 Dollars									

Activity ID: 1CAFNN102 Description: FY02 D&D Program - Subcontracts Integration

Cost Risk 1 Schedule Risk 1

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
101	Prepare APR-111 compliant Purchase requisitions	1.00	Each	HC	26	26	1,368	0	0	1,368	483	1,851
102	Prepare & Submit accruals, Rev and App invoices	1.00	Each	HC	48	48	2,566	0	0	2,566	906	3,471
103	Consulting serv. on SOW devel. & other Proc.	1.00	Each	HC	237	237	12,657	0	0	12,657	4,468	17,125
104	Prep annual & life cycle forecasts & procurement	1.00	Each	HC	154	154	8,210	0	0	8,210	2,898	11,108
201	Prepare APR-111 compliant Purchase requisitions	1.00	Each	HC	768	768	41,050	0	0	41,050	14,491	55,540
202	Prepare & Submit accruals, Rev and App invoices	1.00	Each	HC	192	192	10,262	0	0	10,262	3,623	13,885
203	Consulting serv. on SOW devel. & other Proc.	1.00	Each	HC	83	83	4,447	0	0	4,447	1,570	6,017
204	Prep annual & life cycle forecasts & procurement	1.00	Each	HC	154	154	8,210	0	0	8,210	2,898	11,108
SYS	Contingency And Escalation	1.00	lea	EE	0	0	0	0	17,951	17,951	0	17,951
Total for Activity 1CAFNN102:						1.661	88,770	0	17,951	106,721	31,336	138,057

WBS No: 1CAFNN01  
Activity ID: 1CAFNN102

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1CAF  
Activity Filter \*

Starts In FY \*

**Line Item 101 - Prepare APR-111 compliant Purchase requisitions**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None					
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K311S	D&D Program	Linear	12.80	Hours
	Factors 16 Hours								

0.8 Budget Cuts

750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K311S	D&D Program	Linear	12.80	Hours
Factors	16	Hours						

**Line Item 102 - Prepare & Submit accruals, Rev. and App. invoices**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None					
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K311S	D&D Program	Linear	48.00	Hours
	Factors	60	Hours						

0.8 Budget Cuts

**Line Item 103 - Consulting serv. on SOW devel. & other Proc.**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None					
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K311S	D&D Program	Linear	236.80	Hours
	Factors 296 Hours								

0.8 Budget Cuts

**Line Item 104 - Prep annual & life cycle forecasts & procurement**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None					
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WBS No: 1CAFNN01  
Activity ID: 1CAFNN102

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1CAF  
Activity Filter \* Starts In FY \*

Basis for adjustment - None

Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K311S	D&D Program	Linear	153.60	Hours

Factors 192 Hours

0.8 Budget Cuts

**Line Item 201 - Prepare APR-111 compliant Purchase requisitions**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None								
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K311S	D&D Program	Linear	576.00	Hours

Factors 720 Hours

0.8 Budget Cuts

750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K311S	D&D Program	Linear	192.00	Hours
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Factors 240 Hours

0.8 Budget Cuts

**Line Item 202 - Prepare & Submit accruals, Rev. and App. invoices**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None								
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K311S	D&D Program	Linear	192.00	Hours

Factors 240 Hours

0.8 Budget Cuts

**Line Item 203 - Consulting serv. on SOW devel. & other Proc.**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None								
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K311S	D&D Program	Linear	83.20	Hours

Factors 104 Hours

0.8 Budget Cuts

**Line Item 204 - Prep annual & life cycle forecasts & procurement**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J.								
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WBS No: 1CAFNN01  
Activity ID: 1CAFNN102

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1CAF  
Activity Filter \* Starts In FY \*

Experience Item Desc -  
Breakdown of Cost Data:  
Item -  
Units -  
Unit Cost -  
Unit Cost Adjustment factor - N/A  
Revised Unit Cost - None  
Basis for adjustment - None

Resources		Cost Element	Skill	Department	Curve	Quantity	Units
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K311S D&D Program	Linear	153.60	Hours
Factors	192	Hours					

0.8 Budget Cuts

**Line Item SYS - Contingency And Escalation**

**BOE**

Resources		Cost Element	Skill	Department	Curve	Quantity	Units
CON	CONTINGENCY	0000	NONE	ZDEPT No Department	Linear	12,338.66	Dollars
Factors	12338.7	Dollars					
ESC	ESCALATION	0000	NONE	ZDEPT No Department	Linear	5,612.70	Dollars
Factors	5612.70	Dollars					

Activity ID: 1CAFNN103 Description: FY03 D&D Program - Subcontracts Integration

Cost Risk 1 Schedule Risk 1

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
101	Prepare APR-111 compliant Purchase requisitions	1.00	Each	HC	26	26	1,368	0	0	1,368	473	1,842
102	Prepare & Submit accruals. Rev.and App.invoices	1.00	Each	HC	48	48	2,566	0	0	2,566	888	3,453
103	Consulting serv. on SOW devel. & other Proc.	1.00	Each	HC	237	237	12,657	0	0	12,657	4,379	17,036
104	Prep annual & life cycle forecasts & procurement	1.00	Each	HC	154	154	8,210	0	0	8,210	2,841	11,051
201	Prepare APR-111 compliant Purchase requisitions	1.00	Each	HC	768	768	41,050	0	0	41,050	14,203	55,253
202	Prepare & Submit accruals. Rev.and App.invoices	1.00	Each	HC	192	192	10,262	0	0	10,262	3,551	13,813
203	Consulting serv. on SOW devel. & other Proc.	1.00	Each	HC	83	83	4,447	0	0	4,447	1,539	5,986
204	Prep annual & life cycle forecasts & procurement	1.00	Each	HC	154	154	8,210	0	0	8,210	2,841	11,051
SYS	Contingency And Escalation	1.00	lea	EE	0	0	0	0	33,127	33,127	0	33,127
Total for Activity 1CAFNN103:						1,661	88,770	0	33,127	121,896	30,714	152,611

**Line Item 101 - Prepare APR-111 compliant Purchase requisitions**

**BOE**

Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs)for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J.  
Experience Item Desc -  
Breakdown of Cost Data:  
Item -  
Units -  
Unit Cost -  
Unit Cost Adjustment factor - N/A  
Revised Unit Cost - None  
Basis for adjustment - None

Resources		Cost Element	Skill	Department	Curve	Quantity	Units
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K311S D&D Program	Linear	12.80	Hours
Factors	16	Hours					

0.8 Budget Cuts

750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K311S D&D Program	Linear	12.80	Hours
Factors	16	Hours					

0.8 Budget Cuts

**Line Item 102 - Prepare & Submit accruals, Rev.and App.invoices**

**BOE**

Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs)for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J.  
Experience Item Desc -  
Breakdown of Cost Data:



WBS No: 1CAFNN01  
Activity ID: 1CAFNN103

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1CAF  
Activity Filter \* Starts In FY \*

Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None						
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K311S	D&D Program	Linear	48.00	Hours
	Factors	60	Hours						

0.8 Budget Cuts

**Line Item 103 - Consulting serv. on SOW devel. & other Proc.**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs)for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None					
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K311S	D&D Program	Linear	236.80	Hours
	Factors 296 Hours								

0.8 Budget Cuts

**Line Item 104 - Prep annual & life cycle forecasts & procurement**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs)for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None					
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K311S	D&D Program	Linear	153.60	Hours
	Factors	192	Hours						

0.8 Budget Cuts

**Line Item 201 - Prepare APR-111 compliant Purchase requisitions**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs)for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None					
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K311S	D&D Program	Linear	576.00	Hours
	Factors	720	Hours						

0.8 Budget Cuts

WBS No: 1CAFNN01  
Activity ID: 1CAFNN103

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project  
WBS Filter  
Activity Filter  
Baseline Devl  
1CAF  
\*

Starts In FY \*

750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K311S	D&D Program	Linear	192.00	Hours
Factors	240	Hours						

0.8 Budget Cuts

**Line Item 202 - Prepare & Submit accruals, Rev.and App.invoices**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs)for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None							
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K311S	D&D Program	Linear	192.00	Hours
	Factors	240	Hours						

0.8 Budget Cuts

**Line Item 203 - Consulting serv. on SOW devel. & other Proc.**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs)for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None							
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K311S	D&D Program	Linear	83.20	Hours
	Factors	104	Hours						

0.8 Budget Cuts

**Line Item 204 - Prep annual & life cycle forecasts & procurement**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs)for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None							
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K311S	D&D Program	Linear	153.60	Hours
	Factors	192	Hours						

0.8 Budget Cuts

**Line Item SYS - Contingency And Escalation**

BOE										
Resources	Cost Element			Skill		Department		Curve	Quantity	Units
	CON	CONTINGENCY		0000	NONE	ZDEPT	No Department	Linear	23.963.91	Dollars
	Factors		23963.9 Dollars							
	ESC	ESCALATION		0000	NONE	ZDEPT	No Department	Linear	9.162.67	Dollars
	Factors		9162.67 Dollars							

Activity ID: 1CAFNN104 Description: FY04 D&D Program - Subcontracts Integration

Cost Risk 1 Schedule Risk 1

WBS No: 1CAFNN01  
Activity ID: 1CAFNN104

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1CAF  
Activity Filter \*

Starts In FY \*

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
101	Prepare APR-111 compliant Purchase requisitions	1.00	Each	HC	26	26	1,368	0	0	1,368	386	1,754
102	Prepare & Submit accruals. Rev.and App.invoices	1.00	Each	HC	48	48	2,566	0	0	2,566	723	3,289
103	Consulting serv. on SOW devel. & other Proc.	1.00	Each	HC	237	237	12,657	0	0	12,657	3,569	16,226
104	Prep annual & life cycle forecasts & procurement	1.00	Each	HC	154	154	8,210	0	0	8,210	2,315	10,525
201	Prepare APR-111 compliant Purchase requisitions	1.00	Each	HC	768	768	41,050	0	0	41,050	11,576	52,626
202	Prepare & Submit accruals. Rev.and App.invoices	1.00	Each	HC	64	64	3,421	0	0	3,421	965	4,385
203	Consulting serv. on SOW devel. & other Proc.	1.00	Each	HC	42	42	2,224	0	0	2,224	627	2,851
204	Prep annual & life cycle forecasts & procurement	1.00	Each	HC	77	77	4,105	0	0	4,105	1,158	5,263
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	13,839	13,839	0	13,839
Total for Activity 1CAFNN104:						1,414	75,600	0	13,839	89,438	21,319	110,758

**Line Item 101 - Prepare APR-111 compliant Purchase requisitions**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs)for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None											
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Resources	Cost Element			Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE		M020	MANAGERS (GRADE 69 - 72)	K311S	D&D Program	Linear	12.80	Hours
	Factors	16	Hours							
0.8 Budget Cuts										
750	STRAIGHT TIME BASE		M020	MANAGERS (GRADE 69 - 72)	K311S	D&D Program	Linear	12.80	Hours	
Factors	16	Hours								

0.8 Budget Cuts

**Line Item 102 - Prepare & Submit accruals, Rev.and App.invoices**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs)for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None											
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Resources		Cost Element		Skill		Department		Curve	Quantity	Units
		750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K311S	D&D Program	Linear	48.00	Hours
Factors		60	Hours							

0.8 Budget Cuts

**Line Item 103 - Consulting serv. on SOW devel. & other Proc.**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs)for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None											
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WBS No: 1CAFNN01  
Activity ID: 1CAFNN104

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1CAF  
Activity Filter \*

Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K311S	D&D Program	Linear	236.80	Hours
Factors 296 Hours									

0.8 Budget Cuts

**Line Item 104 - Prep annual & life cycle forecasts & procurement**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None								
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K311S	D&D Program	Linear	153.60	Hours
Factors 192 Hours									

0.8 Budget Cuts

**Line Item 201 - Prepare APR-111 compliant Purchase requisitions**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None								
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K311S	D&D Program	Linear	576.00	Hours
Factors 720 Hours									

0.8 Budget Cuts

Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K311S	D&D Program	Linear	192.00	Hours
Factors 240 Hours									

0.8 Budget Cuts

**Line Item 202 - Prepare & Submit accruals, Rev.and App.invoices**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None								
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K311S	D&D Program	Linear	64.00	Hours
Factors 80 Hours									

0.8 Budget Cuts

**Line Item 203 - Consulting serv. on SOW devel. & other Proc.**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data:								
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WBS No: 1CAFNN01  
Activity ID: 1CAFNN104

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1CAF  
Activity Filter \*

Starts In FY \*

Item -  
Units -  
Unit Cost -  
Unit Cost Adjustment factor - N/A  
Revised Unit Cost - None  
Basis for adjustment - None

**Resources**

Cost Element		Skill		Department		Curve	Quantity	Units
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K311S	D&D Program	Linear	41.60	Hours

Factors 52 Hours

0.8 Budget Cuts

**Line Item 204 - Prep annual & life cycle forecasts & procurement**

**BOE**

Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J.

Experience Item Desc -

Breakdown of Cost Data:

Item -  
Units -  
Unit Cost -  
Unit Cost Adjustment factor - N/A  
Revised Unit Cost - None  
Basis for adjustment - None

**Resources**

Cost Element		Skill		Department		Curve	Quantity	Units
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K311S	D&D Program	Linear	76.80	Hours

Factors 96 Hours

0.8 Budget Cuts

**Line Item SYS - Contingency And Escalation**

**BOE**

**Resources**

Cost Element		Skill		Department		Curve	Quantity	Units
CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	4.532.99	Dollars

Factors 4532.99 Dollars

ESC	ESCALATION	0000	NONE	ZDEPT	No Department	Linear	9.305.78	Dollars
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Factors 9305.78 Dollars

Activity ID: 1CAFNN105 Description: FY05 D&D Program - Subcontracts Integration

Cost Risk 1 Schedule Risk 1

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
201	Prepare APR-111 compliant Purchase requisitions	1.00	Each	HC	160	160	8.552	0	0	8.552	2.976	11.528
202	Prepare & Submit accruals, Rev. and App. invoices	1.00	Each	HC	60	60	3.207	0	0	3.207	1.116	4.323
203	Consulting serv. on SOW devel. & other Proc.	1.00	Each	HC	36	36	1.924	0	0	1.924	670	2.594
204	Prep annual & life cycle forecasts & procurement	1.00	Each	HC	64	64	3.421	0	0	3.421	1.190	4.611
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	12.333	12.333	0	12.333
Total for Activity 1CAFNN105:						320	17.104	0	12.333	29.437	5.952	35.390

**Line Item 201 - Prepare APR-111 compliant Purchase requisitions**

**BOE**

Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J.

Experience Item Desc -

Breakdown of Cost Data:

Item -  
Units -  
Unit Cost -  
Unit Cost Adjustment factor - N/A  
Revised Unit Cost - None  
Basis for adjustment - None

**Resources**

Cost Element		Skill		Department		Curve	Quantity	Units
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K311S	D&D Program	Linear	160.00	Hours

Factors 160 Hours

WBS No: 1CAFNN01  
Activity ID: 1CAFNN105

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1CAF  
Activity Filter \*

Starts In FY \*

**Line Item 202 - Prepare & Submit accruals, Rev.and App.invoices**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs)for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None										
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K311S	D&D Program	Linear	60.00	Hours
	Factors	60	Hours						

**Line Item 203 - Consulting serv. on SOW devel. & other Proc.**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs)for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None										
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K311S	D&D Program	Linear	36.00	Hours
	Factors	36	Hours						

**Line Item 204 - Prep annual & life cycle forecasts & procurement**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs)for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None										
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K311S	D&D Program	Linear	64.00	Hours
	Factors	64	Hours						

**Line Item SYS - Contingency And Escalation**

BOE										
Resources	Cost Element			Skill		Department		Curve	Quantity	Units
	CON	CONTINGENCY		0000	NONE	ZDEPT	No Department	Linear	8,761.65	Dollars
	Factors 8761.65 Dollars									
	ESC	ESCALATION		0000	NONE	ZDEPT	No Department	Linear	3,571.76	Dollars
	Factors 3571.76 Dollars									

Activity ID: 1CXXXFNN6 Description: FY06 D&D Program - Subcontracts Integration

Cost Risk 1 Schedule Risk 1

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
201	Prepare APR-111 compliant Purchase requisitions	0.96	Each	HC	160	154	8.252	0	0	8.252	2.872	11.124
202	Prepare & Submit accruals. Rev.and App.invoices	0.96	Each	HC	60	58	3.094	0	0	3.094	1.077	4.171
203	Consulting serv. on SOW devel. & other Proc.	0.96	Each	HC	36	35	1.857	0	0	1.857	646	2.503
204	Prep annual & life cycle forecasts & procurement	0.96	Each	HC	64	62	3.301	0	0	3.301	1.149	4.449

WBS No: 1CAFNN01  
Activity ID: 1CXXXFNN6

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1CAF  
Activity Filter \*

SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	18.885	18.885	0	18.885
Total for Activity 1CXXXFNN6:						309	16.504	0	18.885	35.388	5.743	41.132

**Line Item 201 - Prepare APR-111 compliant Purchase requisitions**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs)for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None											
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Resources	<i>Cost Element</i>	<i>Skill</i>	<i>Department</i>	<i>Curve</i>	<i>Quantity</i>	<i>Units</i>
	750 STRAIGHT TIME BASE	M020 MANAGERS (GRADE 69 - 72)	K311S D&D Program	Linear	160.00	Hours
<i>Factors</i> 160 Hours						

**Line Item 202 - Prepare & Submit accruals, Rev.and App.invoices**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs)for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None											
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Resources	<i>Cost Element</i>	<i>Skill</i>	<i>Department</i>	<i>Curve</i>	<i>Quantity</i>	<i>Units</i>
	750 STRAIGHT TIME BASE	M020 MANAGERS (GRADE 69 - 72)	K311S D&D Program	Linear	60.00	Hours
<i>Factors</i> 60 Hours						

**Line Item 203 - Consulting serv. on SOW devel. & other Proc.**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs)for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None											
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Resources	<i>Cost Element</i>	<i>Skill</i>	<i>Department</i>	<i>Curve</i>	<i>Quantity</i>	<i>Units</i>
	750 STRAIGHT TIME BASE	M020 MANAGERS (GRADE 69 - 72)	K311S D&D Program	Linear	36.00	Hours
<i>Factors</i> 36 Hours						

**Line Item 204 - Prep annual & life cycle forecasts & procurement**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs)for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None											
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Resources	<i>Cost Element</i>	<i>Skill</i>	<i>Department</i>	<i>Curve</i>	<i>Quantity</i>	<i>Units</i>
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WBS No: 1CAFNN01  
Activity ID: 1CXXXFNN6

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1CAF  
Activity Filter \*

750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K311S	D&D Program	Linear	64.00	Hours
Factors	64	Hours						

**Line Item SYS - Contingency And Escalation**

**BOE**

**Resources**

Cost Element		Skill		Department		Curve	Quantity	Units
CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	13.922.34	Dollars
Factors	13922.3 Dollars							
ESC	ESCALATION	0000	NONE	ZDEPT	No Department	Linear	4.962.24	Dollars
Factors	4962.24 Dollars							

WBS No: 1CAFNN02 Title: Project Controls  
Activity ID: 1CAFNN200 Description: FY00 D&D Program - Project Controls

Cost Risk 1 Schedule Risk 1

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
101	Dev/ maint of sitewide Decom cost est proc	1.00	Each	HC	0	0	0	0	0	0	0	0
102	Training & SME on Decomm. Est. process	1.00	Each	HC	20	20	1,069	8,400	0	9,469	522	9,991
201	Dev.doc. Pub.. maint. on sitewide Sch. Process	1.00	Each	HC	0	0	0	0	0	0	0	0
202	Provide training & SME on Decomm. Sch. Process	1.00	Each	HC	0	0	0	0	0	0	0	0
301	Dev.doc. Pub. maint on sitewide cost coll. proc.	1.00	Each	HC	20	20	1,069	73,500	0	74,569	522	75,091
302	Provide training & SME on Decomm. cost coll. Proc.	1.00	Each	HC	20	20	1,069	4,200	0	5,269	522	5,791
401	1 Perf. Measure. study/eval. per month	1.00	Each	HC	80	80	4,276	16,800	0	21,076	2,087	23,163
501	One benchmarking study/evaluation per month	1.00	Each	HC	100	100	5,345	27,300	0	32,645	2,608	35,253
601	One Staffing Scenario study/evaluation per month	1.00	Each	HC	20	20	1,069	6,300	0	7,369	522	7,891
701	One rebaselining study/evaluation per month	1.00	Each	HC	120	120	6,414	50,400	0	56,814	3,130	59,944
801	Misc. Support for this period	1.00	Each	HC	60	60	3,207	6,300	0	9,507	1,565	11,072
Total for Activity 1CAFNN200:						440	23,518	193,200	0	216,718	11,477	228,195

**Line Item 101 - Dev/ maint of sitewide Decom cost est proc**

**BOE**

Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J.  
Experience Item Desc -  
Breakdown of Cost Data:  
Item -  
Units -  
Unit Cost -  
Unit Cost Adjustment factor - N/A  
Revised Unit Cost - None  
Basis for adjustment - None

**Resources**

Cost Element		Skill		Department		Curve	Quantity	Units
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K311S	D&D Program	Linear	0.00	Hours
Factors	0	Hours						
A5C	SUPPLIES	0000	NONE	K311S	D&D Program	Linear	0.00	Dollars
Factors	0	Dollars						
			ODC's 5%					
A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	0.00	Dollars
Factors	0	Dollars						
			0 Hrs					

**Line Item 102 - Training & SME on Decomm. Est. process**

**BOE**

Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J.  
Experience Item Desc -  
Breakdown of Cost Data:  
Item -  
Units -  
Unit Cost -  
Unit Cost Adjustment factor - N/A  
Revised Unit Cost - None  
Basis for adjustment - None



WBS No: 1CAFNN02  
Activity ID: 1CAFNN200

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1CAF  
Activity Filter \*

Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K311S	D&D Program	Linear	20.00	Hours
	Factors	20	Hours						
	A5C	SUPPLIES	0000	NONE	K311S	D&D Program	Linear	400.00	Dollars
	Factors	400	Dollars	ODC's 5%					
	A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	8.000.00	Dollars
	Factors	8000	Dollars	80 Hrs					

**Line Item 201 - Dev.doc. Pub., maint. on sitewide Sch. Process**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs)for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K311S	D&D Program	Linear	0.00	Hours
	Factors	0	Hours						
	A5C	SUPPLIES	0000	NONE	K311S	D&D Program	Linear	0.00	Dollars
	Factors	0	Dollars	ODC's 5%					
	A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	0.00	Dollars
	Factors	0	Dollars	0 Hrs					

**Line Item 202 - Provide training & SME on Decomm. Sch. Process**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs)for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K311S	D&D Program	Linear	0.00	Hours
	Factors	0	Hours						
	A5C	SUPPLIES	0000	NONE	K311S	D&D Program	Linear	0.00	Dollars
	Factors	0	Dollars	ODC's 5%					
	A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	0.00	Dollars
	Factors	0	Dollars	0 Hrs					

**Line Item 301 - Dev.doc. Pub. maint.on sitewide cost coll. proc.**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs)for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units

WBS No: 1CAFNN02  
Activity ID: 1CAFNN200

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1CAF  
Activity Filter \*

Starts In FY \*

750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K311S	D&D Program	Linear	20.00	Hours
Factors	20	Hours						
A5C	SUPPLIES	0000	NONE	K311S	D&D Program	Linear	3.500.00	Dollars
Factors	3500	Dollars	ODC's 5%					
A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	70.000.00	Dollars
Factors	70000	Dollars	700 Hrs					

**Line Item 302 - Provide training & SME on Decomm. cost coll. Proc.**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs)for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K311S	D&D Program	Linear	20.00	Hours
	Factors	20	Hours						
	A5C	SUPPLIES	0000	NONE	K311S	D&D Program	Linear	200.00	Dollars
	Factors	200	Dollars ODC's 5%						
	A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	4.000.00	Dollars
	Factors	4000	Dollars 40 Hrs						

**Line Item 401 - 1 Perf. Measure. study/eval. per month**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs)for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K311S	D&D Program	Linear	80.00	Hours
	Factors	80	Hours						
	A5C	SUPPLIES	0000	NONE	K311S	D&D Program	Linear	800.00	Dollars
	Factors	800	Dollars		ODC's 5%				
	A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	16.000.00	Dollars
	Factors	16000	Dollars		160 Hrs				

**Line Item 501 - One benchmarking study/evaluation per month**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs)for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K311S	D&D Program	Linear	100.00	Hours
	Factors 100 Hours								

WBS No: 1CAFNN02  
Activity ID: 1CAFNN200

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project  
WBS Filter  
Activity Filter  
Baseline Devl  
1CAF  
\*

Starts In FY \*

A5C	SUPPLIES	0000	NONE	K311S	D&D Program	Linear	1.300.00	Dollars
Factors	1300	Dollars	ODC's 5%					
A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	26.000.00	Dollars
Factors	26000	Dollars	260 Hrs					

**Line Item 601 - One Staffing Scenario study/evaluation per month**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None							
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K311S	D&D Program	Linear	20.00	Hours
	Factors	20	Hours						
	A5C	SUPPLIES	0000	NONE	K311S	D&D Program	Linear	300.00	Dollars
	Factors	300	Dollars		ODC's 5%				
	A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	6.000.00	Dollars
	Factors	6000	Dollars		60 Hrs				

**Line Item 701 - One rebaselining study/evaluation per month**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None							
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K311S	D&D Program	Linear	120.00	Hours
	Factors	120	Hours						
	A5C	SUPPLIES	0000	NONE	K311S	D&D Program	Linear	2.400.00	Dollars
	Factors	2400	Dollars	ODC's 5%					
	A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	32.000.00	Dollars
	Factors	32000	Dollars	320 Hrs					
	A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	16.000.00	Dollars
	Factors	16000	Dollars	160 Hrs					

**Line Item 801 - Misc. Support for this period**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None							
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Resources											
	Cost Element			Skill		Department		Curve	Quantity	Units	
	750	STRAIGHT TIME BASE			M020	MANAGERS (GRADE 69 - 72)		K311S	D&D Program	Linear	60.00
	Factors	60	Hours								

WBS No: 1CAFNN02  
Activity ID: 1CAFNN200

**Rocky Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1CAF  
Activity Filter \*

Starts In FY \*

A5C	SUPPLIES	0000	NONE	K311S	D&D Program	Linear	300.00	Dollars
Factors	300	Dollars	ODC's 5%					
A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	6,000.00	Dollars
Factors	6000	Dollars	60 Hrs					

Activity ID: 1CAFNN201 Description: FY01 D&D Program - Project Controls

Cost Risk 1 Schedule Risk 1

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
102	Training & SME on Decomm. Est. process	1.00	Each	HC	80	80	4,276	21,000	0	25,276	2,040	27,316
103	Ongoing dev/ maint. doc. etc. cost est. library	1.00	Each	HC	40	40	2,138	8,400	0	10,538	1,020	11,558
201	Dev.doc. Pub. maint. on sitewide Sch. Process	1.00	Each	HC	20	20	1,069	4,200	0	5,269	510	5,779
202	Provide training & SME on Decomm. Sch. process	1.00	Each	HC	60	60	3,207	8,400	0	11,607	1,530	13,137
301	Dev.doc. Pub. maint. on sitewide cost coll. proc.	1.00	Each	HC	40	40	2,138	6,300	0	8,438	1,020	9,458
302	Provide training & SME on Decomm. cost coll. Proc.	1.00	Each	HC	20	20	1,069	1,050	0	2,119	510	2,629
401	1 Perf. Measure. study/eval. per month	1.00	Each	HC	480	480	25,656	26,400	0	52,056	12,238	64,294
501	One benchmarking study/evaluation per month	1.00	Each	HC	240	240	12,828	28,600	0	41,428	6,119	47,547
601	One Staffing Scenario study/evaluation per month	1.00	Each	HC	40	40	2,138	14,700	0	16,838	1,020	17,858
701	One rebaselining study/evaluation per month	1.00	Each	HC	120	120	6,414	50,400	0	56,814	3,059	59,873
801	Misc. Support for this period	1.00	Each	HC	80	80	4,276	18,900	0	23,176	2,040	25,216
SYS	Contingency And Escalation	1.00	ea	FF	0	0	0	0	15,092	15,092	0	15,092
Total for Activity 1CAFNN201:						1,220	65,209	188,350	15,092	268,651	31,105	299,755

**Line Item 102 - Training & SME on Decomm. Est. process**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K311S	D&D Program	Linear	80.00	Hours
	Factors	80							
		Hours							
	A5C	SUPPLIES	0000	NONE	K311S	D&D Program	Linear	1,000.00	Dollars
	Factors	1000	ODC's 5%						
		Dollars							
A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	20,000.00	Dollars	
Factors	20000	200 Hrs							
	Dollars								

**Line Item 103 - Ongoing dev/ maint. doc. etc. cost est. library**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K311S	D&D Program	Linear	40.00	Hours
	Factors	40	Hours						
	A5C	SUPPLIES	0000	NONE	K311S	D&D Program	Linear	400.00	Dollars
	Factors	400	Dollars		ODC's 5%				

WBS No: 1CAFNN02  
Activity ID: 1CAFNN201

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1CAF  
Activity Filter \*

Starts In FY \*

A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	8,000.00	Dollars
Factors	8000 Dollars				80 Hrs			

**Line Item 201 - Dev.doc. Pub., maint. on sitewide Sch. Process**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None							
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K311S	D&D Program	Linear	20.00	Hours
	Factors	20	Hours						
	A5C	SUPPLIES	0000	NONE	K311S	D&D Program	Linear	200.00	Dollars
	Factors	200	Dollars			ODC's 5%			
	A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	4,000.00	Dollars
	Factors	4000	Dollars			40 Hrs			

**Line Item 202 - Provide training & SME on Decomm. Sch. process**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None							
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K311S	D&D Program	Linear	60.00	Hours
	Factors	60 Hours							
	A5C	SUPPLIES	0000	NONE	K311S	D&D Program	Linear	400.00	Dollars
	Factors	400 Dollars		ODC's 5%					
	A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	8,000.00	Dollars
	Factors	8000 Dollars		80 Hrs					

**Line Item 301 - Dev.doc. Pub. maint. on sitewide cost coll. proc.**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None							
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Resources											
	Cost Element			Skill		Department		Curve	Quantity	Units	
	750	STRAIGHT TIME BASE		M020	MANAGERS (GRADE 69 - 72)		K311S	D&D Program	Linear	40.00	Hours
	Factors	40	Hours								
	A5C	SUPPLIES		0000	NONE		K311S	D&D Program	Linear	300.00	Dollars
	Factors	300	Dollars	ODC's 5%							
	A5H	SUBCONTRACTED SRVS		0000	NONE		K311S	D&D Program	Linear	6,000.00	Dollars
Factors	6000	Dollars	60 Hrs								

WBS No: 1CAFNN02  
Activity ID: 1CAFNN201

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1CAF  
Activity Filter \*

Starts In FY \*

**Line Item 302 - Provide training & SME on Decomm. cost coll. Proc.**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None					
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Resources		Cost Element		Skill		Department		Curve	Quantity	Units
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K311S	D&D Program			Linear	20.00	Hours
Factors		20	Hours							
A5C	SUPPLIES	0000	NONE	K311S	D&D Program			Linear	50.00	Dollars
Factors		50	Dollars	ODC's 5%						
A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program			Linear	1,000.00	Dollars
Factors		1000	Dollars	10 Hrs						

**Line Item 401 - 1 Perf. Measure. study/eval. per month**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None					
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Resources		Cost Element		Skill		Department		Curve	Quantity	Units
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K311S	D&D Program			Linear	480.00	Hours
Factors		480	Hours							
A5C	SUPPLIES	0000	NONE	K311S	D&D Program			Linear	2,400.00	Dollars
Factors		2400	Dollars	ODC's 5%						
A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program			Linear	24,000.00	Dollars
Factors		24000	Dollars	240 Hrs						

**Line Item 501 - One benchmarking study/evaluation per month**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None					
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Resources		Cost Element		Skill		Department		Curve	Quantity	Units
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K311S	D&D Program			Linear	240.00	Hours
Factors		240	Hours							
A5C	SUPPLIES	0000	NONE	K311S	D&D Program			Linear	2,600.00	Dollars
Factors		2600	Dollars	ODC's 5%						
A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program			Linear	26,000.00	Dollars
Factors		26000	Dollars	260 Hrs						

**Line Item 601 - One Staffing Scenario study/evaluation per month**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for					
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WBS No: 1CAFNN02  
Activity ID: 1CAFNN201

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1CAF  
Activity Filter \*

Starts In FY \*

all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J.  
Experience Item Desc -  
Breakdown of Cost Data:  
Item -  
Units -  
Unit Cost -  
Unit Cost Adjustment factor - N/A  
Revised Unit Cost - None  
Basis for adjustment - None

Resources			Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)		K311S	D&D Program		Linear	40.00	Hours
Factors	40	Hours									
	A5C	SUPPLIES	0000	NONE		K311S	D&D Program		Linear	700.00	Dollars
Factors	700	Dollars	ODC's 5%								
	A5H	SUBCONTRACTED SRVS	0000	NONE		K311S	D&D Program		Linear	14,000.00	Dollars
Factors	14000	Dollars	140 Hrs								

**Line Item 701 - One rebaselining study/evaluation per month**

**BOE**  
Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J.  
Experience Item Desc -  
Breakdown of Cost Data:  
Item -  
Units -  
Unit Cost -  
Unit Cost Adjustment factor - N/A  
Revised Unit Cost - None  
Basis for adjustment - None

Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K311S	D&D Program	Linear	120.00	Hours
Factors	120	Hours							
A5C	SUPPLIES		0000	NONE	K311S	D&D Program	Linear	2,400.00	Dollars
Factors	2400	Dollars	ODC's 5%						
A5H	SUBCONTRACTED SRVS		0000	NONE	K311S	D&D Program	Linear	32,000.00	Dollars
Factors	32000	Dollars	320 Hrs						
A5H	SUBCONTRACTED SRVS		0000	NONE	K311S	D&D Program	Linear	16,000.00	Dollars
Factors	16000	Dollars	160 Hrs						

**Line Item 801 - Misc. Support for this period**

**BOE**  
Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J.  
Experience Item Desc -  
Breakdown of Cost Data:  
Item -  
Units -  
Unit Cost -  
Unit Cost Adjustment factor - N/A  
Revised Unit Cost - None  
Basis for adjustment - None

Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K311S	D&D Program	Linear	80.00	Hours
	Factors	80	Hours						
	A5C	SUPPLIES	0000	NONE	K311S	D&D Program	Linear	900.00	Dollars
	Factors	900	Dollars						
			ODC's 5%						
	A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	18,000.00	Dollars
	Factors	18000	Dollars						
			180 Hrs						

**Line Item SYS - Contingency And Escalation**

**BOE**

WBS No: 1CAFNN02  
Activity ID: 1CAFNN201

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1CAF  
Activity Filter \*

Starts In FY \*

Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	9.105.80	Dollars
Factors 9105.80 Dollars									
Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	ESC	ESCALATION	0000	NONE	ZDEPT	No Department	Linear	5.985.84	Dollars
Factors 5985.84 Dollars									

Activity ID: 1CAFNN202 Description: FY02 D&D Program - Project Controls

Cost Risk 1 Schedule Risk 1

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
101	Dev/ maint of sitewide Decom cost est proc	1.00	Each	HC	64	64	3,421	0	0	3,421	1,208	4,628
102	Training & SME on Decomm. Est. process	1.00	Each	HC	0	0	0	9,240	0	9,240	0	9,240
103	Onaoina dev/ maint. doc. etc. cost est. library	1.00	Each	HC	0	0	0	8,400	0	8,400	0	8,400
201	Dev.doc. Pub. maint. on sitewide Sch. Process	1.00	Each	HC	16	16	855	3,360	0	4,215	302	4,517
202	Provide training & SME on Decomm. Sch. process	1.00	Each	HC	48	48	2,566	3,360	0	5,926	906	6,831
301	Dev.doc. Pub. maint. on sitewide cost coll. proc.	1.00	Each	HC	32	32	1,710	40,320	0	42,030	604	42,634
302	Provide training & SME on Decomm. cost coll. Proc.	1.00	Each	HC	16	16	855	840	0	1,695	302	1,997
401	1 Perf. Measure. study/eval. per month	1.00	Each	HC	384	384	20,525	20,160	0	40,685	7,245	47,930
501	One benchmarking study/evaluation per month	1.00	Each	HC	192	192	10,262	21,840	0	32,102	3,623	35,725
601	One Staffing Scenario study/evaluation per month	1.00	Each	HC	32	32	1,710	11,760	0	13,470	604	14,074
701	One rebaselining study/evaluation per month	1.00	Each	HC	96	96	5,131	40,320	0	45,451	1,811	47,263
801	Misc. Support for this period	1.00	Each	HC	64	64	3,421	15,120	0	18,541	1,208	19,748
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	36,318	36,318	0	36,318
Total for Activity 1CAFNN202:						944	50,457	174,720	36,318	261,495	17,811	279,306

**Line Item 101 - Dev/ maint of sitewide Decom cost est proc**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K311S	D&D Program	Linear	64.00	Hours
Factors 80 Hours									

0.8 Budget Cuts

**Line Item 102 - Training & SME on Decomm. Est. process**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	A5C	SUPPLIES	0000	NONE	K311S	D&D Program	Linear	440.00	Dollars
Factors 550 Dollars ODC's 5%									

0.8 Budget Cuts

Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	8,800.00	Dollars
Factors 11000 Dollars 110 Hrs									

0.8 Budget Cuts



WBS No: 1CAFNN02  
Activity ID: 1CAFNN202

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1CAF  
Activity Filter \*

Starts In FY \*

**Line Item 103 - Ongoing dev/ maint, doc, etc. cost est. library**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J.					
	Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None					

Resources		Cost Element		Skill		Department		Curve	Quantity	Units
A5C		SUPPLIES		0000 NONE		K311S D&D Program		Linear	400.00	Dollars
Factors		500	Dollars	ODC's 5%		0.8 Budget Cuts				
A5H		SUBCONTRACTED SRVS		0000 NONE		K311S D&D Program		Linear	8,000.00	Dollars
Factors		10000	Hours	100 Hrs		0.8 Budget Cuts				

**Line Item 201 - Dev.doc. Pub., maint. on sitewide Sch. Process**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J.					
	Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None					

Resources		Cost Element		Skill		Department		Curve	Quantity	Units
750		STRAIGHT TIME BASE		M020 MANAGERS (GRADE 69 - 72)		K311S D&D Program		Linear	16.00	Hours
Factors		20	Hours			0.8 Budget Cuts				
A5C		SUPPLIES		0000 NONE		K311S D&D Program		Linear	160.00	Dollars
Factors		200	Dollars	ODC's 5%		0.8 Budget Cuts				
A5H		SUBCONTRACTED SRVS		0000 NONE		K311S D&D Program		Linear	3,200.00	Dollars
Factors		4000	Dollars	40 Hrs		0.8 Budget Cuts				

**Line Item 202 - Provide training & SME on Decomm. Sch. process**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J.					
	Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None					

Resources		Cost Element		Skill		Department		Curve	Quantity	Units
750		STRAIGHT TIME BASE		M020 MANAGERS (GRADE 69 - 72)		K311S D&D Program		Linear	48.00	Hours
Factors		60	Hours			0.8 Budget Cuts				

WBS No: 1CAFNN02  
Activity ID: 1CAFNN202

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1CAF  
Activity Filter \*

Starts In FY \*

A5C	SUPPLIES	0000	NONE	K311S	D&D Program	Linear	160.00	Dollars
Factors	200 Dollars	ODC's 5%		0.8	Budget Cuts			

A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	3,200.00	Dollars
Factors	4000 Dollars	40 Hrs		0.8	Budget Cuts			

**Line Item 301 - Dev.doc. Pub. maint.on sitewide cost coll. proc.**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs)for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None							
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K311S	D&D Program	Linear	32.00	Hours
Factors	40	Hours							
					0.8	Budget Cuts			
	A5C	SUPPLIES	0000	NONE	K311S	D&D Program	Linear	1,920.00	Dollars
Factors	2400	Dollars	ODC's 5%						
					0.8	Budget Cuts			
	A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	38,400.00	Dollars
Factors	48000	Dollars	480 Hrs						
					0.8	Budget Cuts			

**Line Item 302 - Provide training & SME on Decomm. cost coll. Proc.**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs)for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None							
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K311S	D&D Program	Linear	16.00	Hours
	Factors	20	Hours						
					0.8	Budget Cuts			
	A5C	SUPPLIES	0000	NONE	K311S	D&D Program	Linear	40.00	Dollars
Factors	50	Dollars		ODC's 5%					
					0.8	Budget Cuts			
	A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	800.00	Dollars
Factors	1000	Dollars		10 Hrs					
					0.8	Budget Cuts			

**Line Item 401 - 1 Perf. Measure. study/eval. per month**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs)for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost -							
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WBS No: 1CAFNN02  
Activity ID: 1CAFNN202

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1CAF  
Activity Filter \* Starts In FY \*

Unit Cost Adjustment factor - N/A  
Revised Unit Cost - None  
Basis for adjustment - None

**Resources**

Cost Element		Skill		Department		Curve	Quantity	Units
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K311S	D&D Program	Linear	384.00	Hours
Factors	480	Hours			0.8	Budget Cuts		
A5C	SUPPLIES	0000	NONE	K311S	D&D Program	Linear	960.00	Dollars
Factors	1200	Dollars	ODC's 5%		0.8	Budget Cuts		
A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	19,200.00	Dollars
Factors	24000	Dollars	240 Hrs		0.8	Budget Cuts		

**Line Item 501 - One benchmarking study/evaluation per month**

**BOE**

Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J.  
Experience Item Desc -  
Breakdown of Cost Data:  
Item -  
Units -  
Unit Cost -  
Unit Cost Adjustment factor - N/A  
Revised Unit Cost - None  
Basis for adjustment - None

**Resources**

Cost Element		Skill		Department		Curve	Quantity	Units
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K311S	D&D Program	Linear	192.00	Hours
Factors	240	Hours			0.8	Budget Cuts		
A5C	SUPPLIES	0000	NONE	K311S	D&D Program	Linear	1,040.00	Dollars
Factors	1300	Dollars	ODC's 5%		0.8	Budget Cuts		
A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	20,800.00	Dollars
Factors	26000	Dollars	260 Hrs		0.8	Budget Cuts		

**Line Item 601 - One Staffing Scenario study/evaluation per month**

**BOE**

Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J.  
Experience Item Desc -  
Breakdown of Cost Data:  
Item -  
Units -  
Unit Cost -  
Unit Cost Adjustment factor - N/A  
Revised Unit Cost - None  
Basis for adjustment - None

**Resources**

Cost Element		Skill		Department		Curve	Quantity	Units
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K311S	D&D Program	Linear	32.00	Hours
Factors	40	Hours			0.8	Budget Cuts		
A5C	SUPPLIES	0000	NONE	K311S	D&D Program	Linear	560.00	Dollars
Factors	700	Dollars	ODC's 5%		0.8	Budget Cuts		
A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	11,200.00	Dollars
Factors	14000	Dollars	140 Hrs		0.8	Budget Cuts		

WBS No: 1CAFNN02  
Activity ID: 1CAFNN202

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1CAF  
Activity Filter \*

Starts In FY \*

**Line Item 701 - One rebaselining study/evaluation per month**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None										
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Resources	Cost Element			Skill		Department		Curve	Quantity	Units	
	750	STRAIGHT TIME BASE		M020	MANAGERS (GRADE 69 - 72)		K311S	D&D Program	Linear	96.00	Hours
Factors	120	Hours									
0.8 Budget Cuts											
A5C	SUPPLIES			0000	NONE		K311S	D&D Program	Linear	1,920.00	Dollars
Factors	2400	Dollars		ODC's 5%							
0.8 Budget Cuts											
A5H	SUBCONTRACTED SRVS			0000	NONE		K311S	D&D Program	Linear	25,600.00	Dollars
Factors	32000	Dollars		320 Hrs							
0.8 Budget Cuts											
A5H	SUBCONTRACTED SRVS			0000	NONE		K311S	D&D Program	Linear	12,800.00	Dollars
Factors	16000	Dollars		160 Hrs							
0.8 Budget Cuts											

**Line Item 801 - Misc. Support for this period**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None										
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K311S	D&D Program	Linear	64.00	Hours
Factors	80	Hours							
0.8 Budget Cuts									
A5C	SUPPLIES		0000	NONE	K311S	D&D Program	Linear	720.00	Dollars
Factors	900	Dollars	ODC's 5%						
0.8 Budget Cuts									
A5H	SUBCONTRACTED SRVS		0000	NONE	K311S	D&D Program	Linear	14,400.00	Dollars
Factors	18000	Dollars	180 Hrs						
0.8 Budget Cuts									

**Line Item SYS - Contingency And Escalation**

BOE										
Resources	Cost Element			Skill		Department		Curve	Quantity	Units
	CON	CONTINGENCY		0000	NONE	ZDEPT	No Department	Linear	24,962.61	Dollars
	Factors 24962.6 Dollars									
	ESC	ESCALATION		0000	NONE	ZDEPT	No Department	Linear	11,355.18	Dollars
	Factors 11355.2 Dollars									

Activity ID: 1CAFNN203 Description: FY03 D&D Program - Project Controls

Cost Risk 1 Schedule Risk 1

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
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WBS No: 1CAFNN02  
Activity ID: 1CAFNN203

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1CAF  
Activity Filter \*

		Activity Filter					Starts in FY					
102	Training & SME on Decomm. Est. process	1.00	Each	HC	0	0	0	4.200	0	4.200	0	4.200
103	Ongoing dev/ maint. doc. etc. cost est. library	1.00	Each	HC	0	0	0	6.720	0	6.720	0	6.720
201	Dev.doc. Pub. maint. on sitewide Sch. Process	1.00	Each	HC	16	16	855	3.360	0	4.215	296	4.511
401	1 Perf. Measure. study/eval. per month	1.00	Each	HC	384	384	20.525	20.160	0	40.685	7.102	47.786
501	One benchmarking study/evaluation per month	1.00	Each	HC	192	192	10.262	21.840	0	32.102	3.551	35.653
601	One Staffing Scenario study/evaluation per month	1.00	Each	HC	32	32	1.710	11.760	0	13.470	592	14.062
701	One rebaselining study/evaluation per month	1.00	Each	HC	96	96	5.131	30.240	0	35.371	1.775	37.147
801	Misc. Support for this period	1.00	Each	HC	64	64	3.421	15.120	0	18.541	1.184	19.724
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	47.078	47.078	0	47.078
Total for Activity 1CAFNN203:						784	41.905	113.400	47.078	202.382	14.499	216.881

**Line Item 102 - Training & SME on Decomm. Est. process**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs)for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None											
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Resources	Cost Element			Skill		Department		Curve	Quantity	Units
	A5C	SUPPLIES		0000	NONE	K311S	D&D Program	Linear	200.00	Dollars
	Factors	250	Dollars	ODC's 5%						
	0.8 Budget Cuts									
	A5H	SUBCONTRACTED SRVS		0000	NONE	K311S	D&D Program	Linear	4,000.00	Dollars
	Factors	5000	Dollars	50 Hrs						
	0.8 Budget Cuts									

**Line Item 103 - Ongoing dev/ maint. doc. etc. cost est. library**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs)for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None											
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Resources	Cost Element			Skill		Department		Curve	Quantity	Units
	A5C	SUPPLIES		0000	NONE	K311S	D&D Program	Linear	320.00	Dollars
	Factors	400	Dollars	ODC's 5%						
	0.8 Budget Cuts									
	A5H	SUBCONTRACTED SRVS		0000	NONE	K311S	D&D Program	Linear	6.400.00	Dollars
Factors	8000	Hours	80 Hrs							
0.8 Budget Cuts										

**Line Item 201 - Dev.doc. Pub., maint. on sitewide Sch. Process**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs)for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None											
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WBS No: 1CAFNN02  
Activity ID: 1CAFNN203

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project  
WBS Filter  
Activity Filter  
Baseline Devl  
1CAF  
\*

Starts In FY \*

Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K311S	D&D Program	Linear	16.00	Hours
Factors	20	Hours							
					0.8	Budget Cuts			
	A5C	SUPPLIES	0000	NONE	K311S	D&D Program	Linear	160.00	Dollars
Factors	200	Dollars		ODC's 5%					
					0.8	Budget Cuts			
	A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	3,200.00	Dollars
Factors	4000	Dollars		40 Hrs					
					0.8	Budget Cuts			

**Line Item 401 - 1 Perf. Measure. study/eval. per month**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None								
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K311S	D&D Program	Linear	384.00	Hours
Factors	480	Hours							
					0.8	Budget Cuts			
	A5C	SUPPLIES	0000	NONE	K311S	D&D Program	Linear	960.00	Dollars
Factors	1200	Dollars		ODC's 5%					
					0.8	Budget Cuts			
	A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	19,200.00	Dollars
Factors	24000	Dollars		240 Hrs					
					0.8	Budget Cuts			

**Line Item 501 - One benchmarking study/evaluation per month**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None								
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K311S	D&D Program	Linear	192.00	Hours
Factors	240	Hours							
					0.8	Budget Cuts			
	A5C	SUPPLIES	0000	NONE	K311S	D&D Program	Linear	1,040.00	Dollars
Factors	1300	Dollars		ODC's 5%					
					0.8	Budget Cuts			
	A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	20,800.00	Dollars
Factors	26000	Dollars		260 Hrs					
					0.8	Budget Cuts			

**Line Item 601 - One Staffing Scenario study/evaluation per month**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J.								
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WBS No: 1CAFNN02  
Activity ID: 1CAFNN203

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1CAF  
Activity Filter \*

Starts In FY \*

Experience Item Desc -  
Breakdown of Cost Data:  
Item -  
Units -  
Unit Cost -  
Unit Cost Adjustment factor - N/A  
Revised Unit Cost - None  
Basis for adjustment - None

**Resources**

Cost Element		Skill		Department		Curve	Quantity	Units
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K311S	D&D Program	Linear	32.00	Hours
Factors	40	Hours			0.8	Budget Cuts		
A5C	SUPPLIES	0000	NONE	K311S	D&D Program	Linear	560.00	Dollars
Factors	700	Dollars	ODC's 5%		0.8	Budget Cuts		
A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	11,200.00	Dollars
Factors	14000	Dollars	140 Hrs		0.8	Budget Cuts		

**Line Item 701 - One rebaselining study/evaluation per month**

**BOE**

Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J.  
Experience Item Desc -  
Breakdown of Cost Data:  
Item -  
Units -  
Unit Cost -  
Unit Cost Adjustment factor - N/A  
Revised Unit Cost - None  
Basis for adjustment - None

**Resources**

Cost Element		Skill		Department		Curve	Quantity	Units
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K311S	D&D Program	Linear	96.00	Hours
Factors	120	Hours			0.8	Budget Cuts		
A5C	SUPPLIES	0000	NONE	K311S	D&D Program	Linear	1,440.00	Dollars
Factors	1800	Dollars	ODC's 5%		0.8	Budget Cuts		
A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	19,200.00	Dollars
Factors	24000	Dollars	240 Hrs		0.8	Budget Cuts		
A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	9,600.00	Dollars
Factors	12000	Dollars	120 Hrs		0.8	Budget Cuts		

**Line Item 801 - Misc. Support for this period**

**BOE**

Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J.  
Experience Item Desc -  
Breakdown of Cost Data:  
Item -  
Units -  
Unit Cost -  
Unit Cost Adjustment factor - N/A  
Revised Unit Cost - None  
Basis for adjustment - None

**Resources**

Cost Element		Skill		Department		Curve	Quantity	Units
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WBS No: 1CAFNN02  
Activity ID: 1CAFNN203

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1CAF  
Activity Filter \*

Starts In FY \*

750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K311S	D&D Program	Linear	64.00	Hours
Factors	80	Hours			0.8	Budget Cuts		
A5C	SUPPLIES	0000	NONE	K311S	D&D Program	Linear	720.00	Dollars
Factors	900	Dollars	ODC's 5%		0.8	Budget Cuts		
A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	14,400.00	Dollars
Factors	18000	Dollars	180 Hrs		0.8	Budget Cuts		

**Line Item SYS - Contingency And Escalation**

**BOE**

Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	34.056.11	Dollars
	Factors 34056.1 Dollars								
	ESC	ESCALATION	0000	NONE	ZDEPT	No Department	Linear	13.021.45	Dollars
	Factors 13021.5 Dollars								

WBS No: 1CAFNN03		Title: Characterization											
Activity ID: 1CAFNN300		Description: FY00 D&D Program - Characterization						Cost Risk		1	Schedule Risk		1
Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost	
101	SCOPING	1.00	Each	HC	0	0	0	0	0	0	0	0	
102	BUILDING CHARACTERIZATION	1.00	Each	HC	911	911	44,345	206,441	0	250,786	21,640	272,426	
201	MANAGEMENT	1.00	Each	HC	0	0	0	0	0	0	0	0	
202	ENGINEERING SUPPORT	1.00	Each	HC	0	0	0	2,250	0	2,250	0	2,250	
301	MANAGEMENT	1.00	Each	HC	0	0	0	0	0	0	0	0	
302	ENGINEERING SUPPORT	1.00	Each	HC	0	0	0	90,718	0	90,718	0	90,718	
401	MANAGEMENT	1.00	Each	HC	0	0	0	0	0	0	0	0	
402	ENGINEERING SUPPORT	1.00	Each	HC	0	0	0	0	0	0	0	0	
501	PROJECT MANAGEMENT	1.00	Each	HC	0	0	0	0	0	0	0	0	
502	RADIOLOGICAL ENGINEER	1.00	Each	HC	0	0	0	58,064	0	58,064	0	58,064	
503	RCT'S AND SUPERVISION	1.00	Each	HC	0	0	0	40,000	0	40,000	0	40,000	
Total for Activity 1CAFNN300:						911	44,345	397,473	0	441,818	21,640	463,458	

**Line Item 101 - SCOPING**

**BOE**

Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J.

Experience Item Desc -  
Breakdown of Cost Data:  
Item -  
Units -  
Unit Cost -  
Unit Cost Adjustment factor - N/A  
Revised Unit Cost - None  
Basis for adjustment - None

Resources	Cost Element			Skill		Department		Curve	Quantity	Units	
	750	STRAIGHT TIME BASE		M020	MANAGERS (GRADE 69 - 72)		K311S	D&D Program	Linear	0.00	Hours
	Factors	0	Hours								
	A5H	SUBCONTRACTED SRVS		0000	NONE		C103S	Environmental Compliance	Linear	0.00	Dollars
	Factors	0	Hours								
	A5H	SUBCONTRACTED SRVS		0000	NONE		K238S	Radiation Protection	Linear	0.00	Dollars
	Factors	0	Hours								
	A5H	SUBCONTRACTED SRVS		0000	NONE		K252S	Engineering	Linear	0.00	Dollars
	Factors	0	Hours								



WBS No: 1CAFNN03  
Activity ID: 1CAFNN300

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1CAF  
Activity Filter \*

Starts In FY \*

A5H	SUBCONTRACTED SRVS	0000	NONE	K252S	Engineering	Linear	0.00	Dollars
Factors	0	Hours						

**Line Item 102 - BUILDING CHARACTERIZATION**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None
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Resources	Cost Element	Skill	Department	Curve	Quantity	Units
	750	STRAIGHT TIME BASE	E050 ENVIRONMENTAL ENGINEERS	K311S D&D Program	Linear	182.00 Hours
Factors	182	Hours				
	750	STRAIGHT TIME BASE	E110 QUALITY CONTROL ENGINEERS	K311S D&D Program	Linear	0.00 Hours
Factors	0	Hours				
	750	STRAIGHT TIME BASE	E120 SAFETY ENGINEERS	K311S D&D Program	Linear	0.00 Hours
Factors	0	Hours				
	750	STRAIGHT TIME BASE	G010 ADMINISTRATIVE ASSISTANTS	K311S D&D Program	Linear	0.00 Hours
Factors	0	Hours				
	750	STRAIGHT TIME BASE	M020 MANAGERS (GRADE 69 - 72)	K311S D&D Program	Linear	729.00 Hours
Factors	729	Hours				
	750	STRAIGHT TIME BASE	P090 INDUSTRIAL HYGIENISTS	K311S D&D Program	Linear	0.00 Hours
Factors	0	Hours				
	A5C	SUPPLIES	0000 NONE	K311S D&D Program	Linear	0.00 Dollars
Factors	0	Dollars				
	A5H	SUBCONTRACTED SRVS	0000 NONE	K311S D&D Program	Linear	46.875.00 Dollars
Factors	46875	Dollars	625 Hours			
	A5H	SUBCONTRACTED SRVS	0000 NONE	K311S D&D Program	Linear	3.386.00 Dollars
Factors	3386	Dollars	40 Hours			
	A5H	SUBCONTRACTED SRVS	0000 NONE	K311S D&D Program	Linear	3.800.00 Dollars
Factors	3800	Dollars	40 Hours			
	A5H	SUBCONTRACTED SRVS	0000 NONE	K311S D&D Program	Linear	152.380.00 Dollars
Factors	152380	Dollars	2041 Hours			
	A5H	SUBCONTRACTED SRVS	0000 NONE	K311S D&D Program	Linear	0.00 Dollars
Factors	0	Dollars	0 Hours			
	A5H	SUBCONTRACTED SRVS	0000 NONE	K311S D&D Program	Linear	0.00 Dollars
Factors	0	Dollars	0 Samples			

**Line Item 201 - MANAGEMENT**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None
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Resources	Cost Element	Skill	Department	Curve	Quantity	Units
	750	STRAIGHT TIME BASE	M020 MANAGERS (GRADE 69 - 72)	K311S D&D Program	Linear	0.00 Hours
Factors	0	Hours				

WBS No: 1CAFNN03  
Activity ID: 1CAFNN300

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1CAF  
Activity Filter \*

Starts In FY \*

**Line Item 202 - ENGINEERING SUPPORT**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs)for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None					
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Resources		Cost Element	Skill	Department	Curve	Quantity	Units
A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	750.00Dollars
Factors	750	Dollars	10	Hours			
A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	1,500.00Dollars
Factors	1500	Dollars	1	gamma scan survey			

**Line Item 301 - MANAGEMENT**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs)for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None					
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Resources		Cost Element	Skill	Department	Curve	Quantity	Units
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K311S	D&D Program	Linear	0.00Hours
Factors	0	Hours					

**Line Item 302 - ENGINEERING SUPPORT**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs)for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None					
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Resources		Cost Element	Skill	Department	Curve	Quantity	Units
A5H	SUBCONTRACTED SRVS	0000	NONE	K215S	Information Resource Mat	Linear	43,333.00Dollars
Factors	43333	Dollars	540	Hours			
A5H	SUBCONTRACTED SRVS	0000	NONE	K238S	Radiation Protection	Linear	47,385.00Dollars
Factors	47385	Dollars	729	Hours			

**Line Item 401 - MANAGEMENT**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs)for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None					
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WBS No: 1CAFNN03  
Activity ID: 1CAFNN300

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1CAF  
Activity Filter \*

Resources	Cost Element	Skill	Department	Curve	Quantity	Units
750	STRAIGHT TIME BASE	M020 MANAGERS (GRADE 69 - 72)	K311S D&D Program	Linear	0.00	Hours

Factors 0 Hours

**Line Item 402 - ENGINEERING SUPPORT**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs)for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None
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Resources	Cost Element	Skill	Department	Curve	Quantity	Units
A5H	SUBCONTRACTED SRVS	0000 NONE	K311S D&D Program	Linear	0.00	Dollars

Factors 0 Dollars 0 Hours

**Line Item 501 - PROJECT MANAGEMENT**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs)for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None
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Resources	Cost Element	Skill	Department	Curve	Quantity	Units
750	STRAIGHT TIME BASE	M020 MANAGERS (GRADE 69 - 72)	K311S D&D Program	Linear	0.00	Hours

Factors 0 Hours

**Line Item 502 - RADIOLOGICAL ENGINEER**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs)for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None
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Resources	Cost Element	Skill	Department	Curve	Quantity	Units
A5H	SUBCONTRACTED SRVS	0000 NONE	K238S Radiation Protection	Linear	58.064.00	Dollars

Factors 58064 Dollars 729 Hours

**Line Item 503 - RCT'S AND SUPERVISION**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs)for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None
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Resources	Cost Element	Skill	Department	Curve	Quantity	Units
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WBS No: 1CAFNN03  
Activity ID: 1CAFNN300

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1CAF  
Activity Filter \*

Starts In FY \*

A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	40,000.00	Dollars
Factors 40000 Dollars		800 Hours						

Activity ID: 1CAFNN301 Description: FY01 D&D Program - Characterization

Cost Risk 1 Schedule Risk 1

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
101	SCOPING	1.00	Each	HC	100	100	5,345	23,400	0	28,745	2,550	31,295
102	BUILDING CHARACTERIZATION	1.00	Each	HC	1,852	1,852	85,850	178,636	0	264,486	40,950	305,436
201	MANAGEMENT	1.00	Each	HC	93	93	4,971	0	0	4,971	2,371	7,342
202	ENGINEERING SUPPORT	1.00	Each	HC	0	0	0	17,900	0	17,900	0	17,900
301	MANAGEMENT	1.00	Each	HC	93	93	4,971	0	0	4,971	2,371	7,342
302	ENGINEERING SUPPORT	1.00	Each	HC	0	0	0	86,190	0	86,190	0	86,190
401	MANAGEMENT	1.00	Each	HC	93	93	4,971	0	0	4,971	2,371	7,342
402	ENGINEERING SUPPORT	1.00	Each	HC	0	0	0	36,270	0	36,270	0	36,270
501	PROJECT MANAGEMENT	1.00	Each	HC	93	93	4,971	0	0	4,971	2,371	7,342
502	RADIOLOGICAL ENGINEER	1.00	Each	HC	0	0	0	23,166	0	23,166	0	23,166
503	RCT'S AND SUPERVISION	1.00	Each	HC	0	0	0	9,900	0	9,900	0	9,900
SYS	Contingency And Escalation	1.00	ea	FF	0	0	0	0	28,603	28,603	0	28,603
Total for Activity 1CAFNN301:						2,324	111,078	375,462	28,603	515,144	52,984	568,128

**Line Item 101 - SCOPING**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None
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Resources	Cost Element	Skill	Department	Curve	Quantity	Units
750	STRAIGHT TIME BASE	M020 MANAGERS (GRADE 69 - 72)	K311S D&D Program	Linear	100.00	Hours
Factors 100 Hours						
A5H	SUBCONTRACTED SRVS	0000 NONE	C103S Environmental Compliance	Linear	0.00	Dollars
Factors 0 Dollars 0 Hours						
A5H	SUBCONTRACTED SRVS	0000 NONE	K238S Radiation Protection	Linear	0.00	Dollars
Factors 0 Dollars 0 Hours						
A5H	SUBCONTRACTED SRVS	0000 NONE	K252S Engineering	Linear	0.00	Dollars
Factors 0 Dollars 0 Hours						
A5H	SUBCONTRACTED SRVS	0000 NONE	K252S Engineering	Linear	23,400.00	Dollars
Factors 23400 Dollars 300 Hours						

**Line Item 102 - BUILDING CHARACTERIZATION**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None
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Resources	Cost Element	Skill	Department	Curve	Quantity	Units
750	STRAIGHT TIME BASE	E050 ENVIRONMENTAL ENGINEERS	K311S D&D Program	Linear	550.00	Hours
Factors 550 Hours						

WBS No: 1CAFNN03  
Activity ID: 1CAFNN301

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project  
WBS Filter  
Activity Filter  
Baseline Devl  
1CAF  
\*

750	STRAIGHT TIME BASE	E110	QUALITY CONTROL ENGINEERS	K311S	D&D Program	Linear	0.00	Hours
Factors	0	Hours						
750	STRAIGHT TIME BASE	E120	SAFETY ENGINEERS	K311S	D&D Program	Linear	0.00	Hours
Factors	0	Hours						
750	STRAIGHT TIME BASE	G010	ADMINISTRATIVE ASSISTANTS	K311S	D&D Program	Linear	0.00	Hours
Factors	0	Hours						
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K311S	D&D Program	Linear	1.302.00	Hours
Factors	1302	Hours						
750	STRAIGHT TIME BASE	P090	INDUSTRIAL HYGIENISTS	K311S	D&D Program	Linear	0.00	Hours
Factors	0	Hours						
A5C	SUPPLIES	0000	NONE	K311S	D&D Program	Linear	10.000.00	Dollars
Factors	10000	Dollars						
A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	0.00	Dollars
Factors	0	Dollars	0	Hours				
A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	0.00	Dollars
Factors	0	Dollars	0	Samples				
A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	0.00	Dollars
Factors	0	Dollars	0	Hours				
A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	0.00	Dollars
Factors	0	Dollars	0	Hours				
A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	0.00	Dollars
Factors	0	Dollars	0	Hours				
A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	168.636.00	Dollars
Factors	168636	Dollars	2162	Hours				

**Line Item 201 - MANAGEMENT**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs)for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K311S	D&D Program	Linear	93.00	Hours
	<i>Factors</i> 93       Hours								

**Line Item 202 - ENGINEERING SUPPORT**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs)for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None
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Resources										
	<i>Cost Element</i>			<i>Skill</i>		<i>Department</i>		<i>Curve</i>	<i>Quantity</i>	<i>Units</i>
	A5H	SUBCONTRACTED SRVS		0000	NONE	K311S	D&D Program	Linear	6.200.00	Dollars
	<i>Factors</i>	6200	Dollars	4 gamma scan surveys						
	A5H	SUBCONTRACTED SRVS		0000	NONE	K311S	D&D Program	Linear	11.700.00	Dollars
<i>Factors</i>	11700	Dollars	150 Hours							

WBS No: 1CAFNN03  
Activity ID: 1CAFNN301

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1CAF  
Activity Filter \*

Starts In FY \*

**Line Item 301 - MANAGEMENT**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs)for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None					
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Resources		Cost Element	Skill	Department	Curve	Quantity	Units
	750	STRAIGHT TIME BASE	M020 MANAGERS (GRADE 69 - 72)	K311S D&D Program	Linear	93.00	Hours
		Factors	93	Hours			

**Line Item 302 - ENGINEERING SUPPORT**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs)for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None					
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Resources		Cost Element	Skill	Department	Curve	Quantity	Units
	A5H	SUBCONTRACTED SRVS	0000 NONE	K215S Information Resource Mgt	Linear	49.920.00	Dollars
		Factors	49920	Dollars			
	A5H	SUBCONTRACTED SRVS	0000 NONE	K238S Radiation Protection	Linear	36.270.00	Dollars
		Factors	36270	Dollars			

**Line Item 401 - MANAGEMENT**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs)for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None					
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Resources		Cost Element	Skill	Department	Curve	Quantity	Units
	750	STRAIGHT TIME BASE	M020 MANAGERS (GRADE 69 - 72)	K311S D&D Program	Linear	93.00	Hours
		Factors	93	Hours			

**Line Item 402 - ENGINEERING SUPPORT**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs)for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None					
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Resources		Cost Element	Skill	Department	Curve	Quantity	Units
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WBS No: 1CAFNN03  
Activity ID: 1CAFNN301

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1CAF  
Activity Filter \*

Starts In FY \*

A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	36,270.00	Dollars
Factors		36270	Dollars	465	Hours			

**Line Item 501 - PROJECT MANAGEMENT**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None							
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K311S	D&D Program	Linear	93.00	Hours
	Factors 93 Hours								

**Line Item 502 - RADIOLOGICAL ENGINEER**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None							
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Resources	Cost Element			Skill		Department		Curve	Quantity	Units
	A5H	SUBCONTRACTED SRVS		0000	NONE	K238S	Radiation Protection	Linear	23,166.00	Dollars
	Factors	23166	Dollars	297 Hours						

**Line Item 503 - RCT'S AND SUPERVISION**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None							
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	9,900.00	Dollars
	Factors	9900	Dollars	300 Hours					

**Line Item SYS - Contingency And Escalation**

BOE										
Resources	Cost Element			Skill		Department		Curve	Quantity	Units
	CON	CONTINGENCY		0000	NONE	ZDEPT	No Department	Linear	17,258.27	Dollars
	Factors		17258.3		Dollars					
	ESC	ESCALATION		0000	NONE	ZDEPT	No Department	Linear	11,345.00	Dollars
	Factors		11345		Dollars					

Activity ID: 1CAFNN302 Description: FY02 D&D Program - Characterization

Cost Risk 1 Schedule Risk 1

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
101	SCOPING	1.00	Each	HC	80	80	4,276	19,440	0	23,716	1,509	25,225
102	BUILDING CHARACTERIZATION	1.00	Each	HC	1,482	1,482	68,680	148,098	0	216,778	24,244	241,022

WBS No: 1CAFNN03  
Activity ID: 1CAFNN302

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1CAF  
Activity Filter \*

										Starts In FY		*
201	MANAGEMENT	1.00	Each	HC	74	74	3.977	0	0	3.977	1.404	5.380
202	ENGINEERING SUPPORT	1.00	Each	HC	0	0	0	14.840	0	14.840	0	14.840
301	MANAGEMENT	1.00	Each	HC	74	74	3.977	0	0	3.977	1.404	5.380
302	ENGINEERING SUPPORT	1.00	Each	HC	0	0	0	71.604	0	71.604	0	71.604
401	MANAGEMENT	1.00	Each	HC	74	74	3.977	0	0	3.977	1.404	5.380
402	ENGINEERING SUPPORT	1.00	Each	HC	0	0	0	30.132	0	30.132	0	30.132
501	PROJECT MANAGEMENT	1.00	Each	HC	74	74	3.977	0	0	3.977	1.404	5.380
502	RADIOLOGICAL ENGINEER	1.00	Each	HC	0	0	0	19.246	0	19.246	0	19.246
503	RCT'S AND SUPERVISION	1.00	Each	HC	0	0	0	8.640	0	8.640	0	8.640
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	64.603	64.603	0	64.603
Total for Activity 1CAFNN302:						1.859	88.863	311.999	64.603	465.464	31.369	496.833

**Line Item 101 - SCOPING**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J.											
	Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None											

Resources	Cost Element			Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE		M020	MANAGERS (GRADE 69 - 72)	K311S	D&D Program	Linear	80.00	Hours
Factors	100	Hours		0.8 Budget Cuts						
	A5H	SUBCONTRACTED SRVS		0000	NONE	C103S	Environmental Compliance	Linear	0.00	Dollars
Factors	0	Dollars		0 Hours		0.8 Budget Cuts				
	A5H	SUBCONTRACTED SRVS		0000	NONE	K238S	Radiation Protection	Linear	0.00	Dollars
Factors	0	Dollars		0 Hours		0.8 Budget Cuts				
	A5H	SUBCONTRACTED SRVS		0000	NONE	K252S	Engineering	Linear	19.440.00	Dollars
Factors	24300	Dollars		300 Hours		0.8 Budget Cuts				
	A5H	SUBCONTRACTED SRVS		0000	NONE	K252S	Engineering	Linear	0.00	Dollars
Factors	0	Dollars		0 Hours		0.8 Budget Cuts				

**Line Item 102 - BUILDING CHARACTERIZATION**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J.											
	Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None											

Resources	Cost Element			Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE		E050	ENVIRONMENTAL ENGINEERS	K311S	D&D Program	Linear	440.00	Hours
	<div><div>Factors</div><div>550</div><div>Hours</div></div>									
<div><div>0.8</div><div>Budget Cuts</div></div>										



WBS No: 1CAFNN03  
Activity ID: 1CAFNN302

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project  
WBS Filter  
Activity Filter  
Baseline Devl  
1CAF  
\*

Starts In FY \*

750	STRAIGHT TIME BASE	E110	QUALITY CONTROL ENGINEERS	K311S	D&D Program	Linear	0.00	Hours
Factors	0	Hours			0.8 Budget Cuts			
750	STRAIGHT TIME BASE	E120	SAFETY ENGINEERS	K311S	D&D Program	Linear	0.00	Hours
Factors	0	Hours			0.8 Budget Cuts			
750	STRAIGHT TIME BASE	G010	ADMINISTRATIVE ASSISTANTS	K311S	D&D Program	Linear	0.00	Hours
Factors	0	Hours			0.8 Budget Cuts			
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K311S	D&D Program	Linear	1.041.60	Hours
Factors	1302	Hours			0.8 Budget Cuts			
750	STRAIGHT TIME BASE	P090	INDUSTRIAL HYGIENISTS	K311S	D&D Program	Linear	0.00	Hours
Factors	0	Hours			0.8 Budget Cuts			
A5C	SUPPLIES	0000	NONE	K311S	D&D Program	Linear	8.000.00	Dollars
Factors	10000	Dollars			0.8 Budget Cuts			
A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	0.00	Dollars
Factors	0	Dollars	0 Hours		0.8 Budget Cuts			
A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	0.00	Dollars
Factors	0	Dollars	0 Hours		0.8 Budget Cuts			
A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	0.00	Dollars
Factors	0	Dollars	0 Hours		0.8 Budget Cuts			
A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	140.097.60	Dollars
Factors	175122	Dollars	2162 Hours		0.8 Budget Cuts			
A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	0.00	Dollars
Factors	0	Dollars	0 Hours		0.8 Budget Cuts			
A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	0.00	Dollars
Factors	0	Dollars	0 samples		0.8 Budget Cuts			

**Line Item 201 - MANAGEMENT**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K311S	D&D Program	Linear	74.40	Hours
	Factors	93	Hours						

0.8 Budget Cuts

**Line Item 202 - ENGINEERING SUPPORT**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J.
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WBS No: 1CAFNN03  
Activity ID: 1CAFNN302

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1CAF  
Activity Filter \* Starts In FY \*

Experience Item Desc -  
Breakdown of Cost Data:  
Item -  
Units -  
Unit Cost -  
Unit Cost Adjustment factor - N/A  
Revised Unit Cost - None  
Basis for adjustment - None

Resources		Cost Element		Skill		Department		Curve	Quantity	Units
A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	9.720.00	Dollars		
Factors		12150	Dollars	150	Hours	0.8	Budget Cuts			
A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	5.120.00	Dollars		
Factors		6400	Dollars	4	gamma scan surveys	0.8	Budget Cuts			

**Line Item 301 - MANAGEMENT**

**BOE** Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J.  
Experience Item Desc -  
Breakdown of Cost Data:  
Item -  
Units -  
Unit Cost -  
Unit Cost Adjustment factor - N/A  
Revised Unit Cost - None  
Basis for adjustment - None

Resources		Cost Element		Skill		Department		Curve	Quantity	Units
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K311S	D&D Program	Linear	74.40	Hours		
Factors		93	Hours	0.8	Budget Cuts					

**Line Item 302 - ENGINEERING SUPPORT**

**BOE** Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J.  
Experience Item Desc -  
Breakdown of Cost Data:  
Item -  
Units -  
Unit Cost -  
Unit Cost Adjustment factor - N/A  
Revised Unit Cost - None  
Basis for adjustment - None

Resources		Cost Element		Skill		Department		Curve	Quantity	Units
A5H	SUBCONTRACTED SRVS	0000	NONE	K215S	Information Resource Mgt	Linear	41.472.00	Dollars		
Factors		51840	Dollars	0.8	Budget Cuts					
A5H	SUBCONTRACTED SRVS	0000	NONE	K238S	Radiation Protection	Linear	30.132.00	Dollars		
Factors		37665	Dollars	0.8	Budget Cuts					

**Line Item 401 - MANAGEMENT**

**BOE** Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J.  
Experience Item Desc -  
Breakdown of Cost Data:  
Item -  
Units -  
Unit Cost -  
Unit Cost Adjustment factor - N/A

WBS No: 1CAFNN03  
Activity ID: 1CAFNN302

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1CAF  
Activity Filter \* Starts In FY \*

Revised Unit Cost - None  
Basis for adjustment - None

Resources		Cost Element		Skill		Department		Curve	Quantity	Units
750		STRAIGHT TIME BASE		M020 MANAGERS (GRADE 69 - 72)		K311S D&D Program		Linear	74.40	Hours
Factors		93		Hours						

0.8 Budget Cuts

**Line Item 402 - ENGINEERING SUPPORT**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None									
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Resources		Cost Element		Skill		Department		Curve	Quantity	Units
A5H		SUBCONTRACTED SRVS		0000 NONE		K311S D&D Program		Linear	30.132.00	Dollars
Factors		37665		Dollars		465		Hours		

0.8 Budget Cuts

**Line Item 501 - PROJECT MANAGEMENT**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None									
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Resources		Cost Element		Skill		Department		Curve	Quantity	Units
750		STRAIGHT TIME BASE		M020 MANAGERS (GRADE 69 - 72)		K311S D&D Program		Linear	74.40	Hours
Factors		93		Hours						

0.8 Budget Cuts

**Line Item 502 - RADIOLOGICAL ENGINEER**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None									
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Resources		Cost Element		Skill		Department		Curve	Quantity	Units
A5H		SUBCONTRACTED SRVS		0000 NONE		K238S Radiation Protection		Linear	19.245.60	Dollars
Factors		24057		Dollars		297		Hours		

0.8 Budget Cuts

**Line Item 503 - RCT'S AND SUPERVISION**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item -									
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WBS No: 1CAFNN03  
Activity ID: 1CAFNN302

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1CAF  
Activity Filter \* Starts In FY \*

Units -  
Unit Cost -  
Unit Cost Adjustment factor - N/A  
Revised Unit Cost - None  
Basis for adjustment - None

Resources	Cost Element			Skill		Department		Curve	Quantity	Units
	A5H	SUBCONTRACTED SRVS		0000	NONE	K311S	D&D Program	Linear	8.640.00	Dollars
Factors	10800	Dollars		300 Hours		0.8	Budget Cuts			

**Line Item SYS - Contingency And Escalation**

**BOE**

Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	44.403.81	Dollars
	Factors 44403.8 Dollars								
	ESC	ESCALATION	0000	NONE	ZDEPT	No Department	Linear	20.198.75	Dollars
	Factors 20198.8 Dollars								

Activity ID: 1CAFNN303 Description: FY03 D&D Program - Characterization

Cost Risk 1 Schedule Risk 1

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
101	SCOPING	1.00	Each	HC	80	80	4,276	20,160	0	24,436	1,479	25,915
102	BUILDING CHARACTERIZATION	1.00	Each	HC	1,482	1,482	68,680	153,286	0	221,966	23,763	245,730
201	MANAGEMENT	1.00	Each	HC	74	74	3,977	0	0	3,977	1,376	5,353
202	ENGINEERING SUPPORT	1.00	Each	HC	0	0	0	15,360	0	15,360	0	15,360
301	MANAGEMENT	1.00	Each	HC	74	74	3,977	0	0	3,977	1,376	5,353
302	ENGINEERING SUPPORT	1.00	Each	HC	0	0	0	74,256	0	74,256	0	74,256
401	MANAGEMENT	1.00	Each	HC	74	74	3,977	0	0	3,977	1,376	5,353
402	ENGINEERING SUPPORT	1.00	Each	HC	0	0	0	31,248	0	31,248	0	31,248
501	PROJECT MANAGEMENT	1.00	Each	HC	74	74	3,977	0	0	3,977	1,376	5,353
502	RADIOLOGICAL ENGINEER	1.00	Each	HC	0	0	0	19,958	0	19,958	0	19,958
503	RCT'S AND SUPERVISION	1.00	Each	HC	0	0	0	9,360	0	9,360	0	9,360
SYS	Contingency And Escalation	1.00	lea	EE	0	0	0	0	122,886	122,886	0	122,886
Total for Activity 1CAFNN303:						1,859	88,863	323,629	122,886	535,378	30,746	566,124

**Line Item 101 - SCOPING**

**BOE**

Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs)for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J.

Experience Item Desc -  
Breakdown of Cost Data:  
Item -  
Units -  
Unit Cost -  
Unit Cost Adjustment factor - N/A  
Revised Unit Cost - None  
Basis for adjustment - None

Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K311S	D&D Program	Linear	80.00	Hours
Factors	100	Hours							
					0.8	Budget Cuts			
A5H	SUBCONTRACTED SRVS	0000	NONE	C103S	Environmental Compliance	Linear	0.00	Dollars	
Factors	0	Dollars	0 Hours						
					0.8	Budget Cuts			
A5H	SUBCONTRACTED SRVS	0000	NONE	K238S	Radiation Protection	Linear	0.00	Dollars	
Factors	0	Dollars	0 Hours						
					0.8	Budget Cuts			

WBS No: 1CAFNN03  
Activity ID: 1CAFNN303

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project  
WBS Filter  
Activity Filter  
Baseline Devl  
1CAF  
\*

Starts In FY \*

A5H	SUBCONTRACTED SRVS	0000	NONE	K252S	Engineering	Linear	0.00	Dollars
Factors	0	Dollars	0 Hours	0.8	Budget Cuts			
A5H	SUBCONTRACTED SRVS	0000	NONE	K252S	Engineering	Linear	20.160.00	Dollars
Factors	25200	Dollars	300 Hours	0.8	Budget Cuts			

**Line Item 102 - BUILDING CHARACTERIZATION**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None							
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**Resources**

Cost Element			Skill		Department		Curve	Quantity	Units
750	STRAIGHT TIME BASE		E050	ENVIRONMENTAL ENGINEERS	K311S	D&D Program	Linear	440.00	Hours
Factors	550	Hours	0.8 Budget Cuts						
750	STRAIGHT TIME BASE		E110	QUALITY CONTROL ENGINEERS	K311S	D&D Program	Linear	0.00	Hours
Factors	0	Hours	0.8 Budget Cuts						
750	STRAIGHT TIME BASE		E120	SAFETY ENGINEERS	K311S	D&D Program	Linear	0.00	Hours
Factors	0	Hours	0.8 Budget Cuts						
750	STRAIGHT TIME BASE		G010	ADMINISTRATIVE ASSISTANTS	K311S	D&D Program	Linear	0.00	Hours
Factors	0	Hours	0.8 Budget Cuts						
750	STRAIGHT TIME BASE		M020	MANAGERS (GRADE 69 - 72)	K311S	D&D Program	Linear	1,041.60	Hours
Factors	1302	Hours	0.8 Budget Cuts						
750	STRAIGHT TIME BASE		P090	INDUSTRIAL HYGIENISTS	K311S	D&D Program	Linear	0.00	Hours
Factors	0	Hours	0.8 Budget Cuts						
A5C	SUPPLIES		0000	NONE	K311S	D&D Program	Linear	8,000.00	Dollars
Factors	10000	Dollars	0.8 Budget Cuts						
A5H	SUBCONTRACTED SRVS		0000	NONE	K311S	D&D Program	Linear	0.00	Dollars
Factors	0	Dollars	0 Hours		0.8 Budget Cuts				
A5H	SUBCONTRACTED SRVS		0000	NONE	K311S	D&D Program	Linear	0.00	Dollars
Factors	0	Dollars	0 Hours		0.8 Budget Cuts				
A5H	SUBCONTRACTED SRVS		0000	NONE	K311S	D&D Program	Linear	0.00	Dollars
Factors	0	Dollars	0 Hours		0.8 Budget Cuts				
A5H	SUBCONTRACTED SRVS		0000	NONE	K311S	D&D Program	Linear	145,286.40	Dollars
Factors	181608	Dollars	2162 Hours		0.8 Budget Cuts				
A5H	SUBCONTRACTED SRVS		0000	NONE	K311S	D&D Program	Linear	0.00	Dollars
Factors	0	Dollars	0 Hours		0.8 Budget Cuts				

WBS No: 1CAFNN03  
Activity ID: 1CAFNN303

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project  
WBS Filter  
Activity Filter  
Baseline Devl  
1CAF  
\*

Starts In FY \*

A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	0.00	Dollars
Factors	0	Dollars	0 samples					

0.8 Budget Cuts

**Line Item 201 - MANAGEMENT**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs)for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K311S	D&D Program	Linear	74.40	Hours
	Factors 93 Hours								

0.8 Budget Cuts

**Line Item 202 - ENGINEERING SUPPORT**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs)for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None
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Resources	Cost Element			Skill		Department		Curve	Quantity	Units
	A5H	SUBCONTRACTED SRVS		0000	NONE	K311S	D&D Program	Linear	10.080.00	Dollars
	Factors	12600	Dollars	150 Hours						

0.8 Budget Cuts

A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	5.280.00	Dollars
Factors	6600	Dollars	4 gamma scan surveys					

0.8 Budget Cuts

**Line Item 301 - MANAGEMENT**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs)for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K311S	D&D Program	Linear	74.40	Hours
	Factors	93	Hours						

0.8 Budget Cuts

**Line Item 302 - ENGINEERING SUPPORT**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs)for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item -
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WBS No: 1CAFNN03  
Activity ID: 1CAFNN303

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1CAF  
Activity Filter \* Starts In FY \*

Units -  
Unit Cost -  
Unit Cost Adjustment factor - N/A  
Revised Unit Cost - None  
Basis for adjustment - None

**Resources**

Cost Element		Skill		Department		Curve	Quantity	Units
A5H	SUBCONTRACTED SRVS	0000	NONE	K215S	Information Resource Mat	Linear	43.008.00	Dollars

Factors 53760 Dollars

0.8 Budget Cuts

A5H	SUBCONTRACTED SRVS	0000	NONE	K238S	Radiation Protection	Linear	31.248.00	Dollars
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Factors 39060 Dollars

0.8 Budget Cuts

**Line Item 401 - MANAGEMENT**

**BOE**

Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J.  
Experience Item Desc -  
Breakdown of Cost Data:  
Item -  
Units -  
Unit Cost -  
Unit Cost Adjustment factor - N/A  
Revised Unit Cost - None  
Basis for adjustment - None

**Resources**

Cost Element		Skill		Department		Curve	Quantity	Units
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K311S	D&D Program	Linear	74.40	Hours

Factors 93 Hours

0.8 Budget Cuts

**Line Item 402 - ENGINEERING SUPPORT**

**BOE**

Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J.  
Experience Item Desc -  
Breakdown of Cost Data:  
Item -  
Units -  
Unit Cost -  
Unit Cost Adjustment factor - N/A  
Revised Unit Cost - None  
Basis for adjustment - None

**Resources**

Cost Element		Skill		Department		Curve	Quantity	Units
A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	31.248.00	Dollars

Factors 39060 Dollars

465 Hours

0.8 Budget Cuts

**Line Item 501 - PROJECT MANAGEMENT**

**BOE**

Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J.  
Experience Item Desc -  
Breakdown of Cost Data:  
Item -  
Units -  
Unit Cost -  
Unit Cost Adjustment factor - N/A  
Revised Unit Cost - None  
Basis for adjustment - None

**Resources**

Cost Element		Skill		Department		Curve	Quantity	Units
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K311S	D&D Program	Linear	74.40	Hours

Factors 93 Hours

0.8 Budget Cuts

WBS No: 1CAFNN03  
Activity ID: 1CAFNN303

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1CAF  
Activity Filter \*

Starts In FY \*

**Line Item 502 - RADIOLOGICAL ENGINEER**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None											
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	A5H	SUBCONTRACTED SRVS	0000	NONE	K238S	Radiation Protection	Linear	19.958.40	Dollars
	Factors	24948 Dollars		297 Hours					

**Line Item 503 - RCT'S AND SUPERVISION**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None											
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Resources	Cost Element			Skill		Department		Curve	Quantity	Units
	A5H	SUBCONTRACTED SRVS		0000	NONE	K311S	D&D Program	Linear	9.360.00	Dollars
	Factors		11700	Dollars	300 Hours		0.8	Budget Cuts		

**Line Item SYS - Contingency And Escalation**

BOE									
Resources									
	<i>Cost Element</i>			<i>Skill</i>			<i>Department</i>		
	CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	<i>Curve</i>	<i>Quantity</i>	<i>Units</i>
	Factors 88896.5 Dollars						Linear	88.896.45	Dollars
	ESC ESCALATION			0000 NONE			ZDEPT No Department		
Factors 33989.8 Dollars						Linear	33.989.82	Dollars	

Activity ID: 1CAFNN304 Description: FY04 D&D Program - Characterization

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
102	BUILDING CHARACTERIZATION	1.00	Each	HC	1.042	1.042	55.674	4.000	0	59.674	15.700	75.373
201	MANAGEMENT	1.00	Each	HC	74	74	3.977	0	0	3.977	1.121	5.098
202	ENGINEERING SUPPORT	1.00	Each	HC	0	0	0	15.880	0	15.880	0	15.880
301	MANAGEMENT	1.00	Each	HC	74	74	3.977	0	0	3.977	1.121	5.098
302	ENGINEERING SUPPORT	1.00	Each	HC	0	0	0	76.908	0	76.908	0	76.908
501	PROJECT MANAGEMENT	1.00	Each	HC	74	74	3.977	0	0	3.977	1.121	5.098
502	RADIOLOGICAL ENGINEER	1.00	Each	HC	0	0	0	20.671	0	20.671	0	20.671
503	RCT'S AND SUPERVISION	1.00	Each	HC	0	0	0	10.080	0	10.080	0	10.080
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	30.586	30.586	0	30.586
Total for Activity 1CAFNN304:						1.265	67.604	127.539	30.586	225.729	19.064	244.793

**Line Item 102 - BUILDING CHARACTERIZATION**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data:											
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WBS No: 1CAFNN03  
Activity ID: 1CAFNN304

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1CAF  
Activity Filter \* Starts In FY \*

Item -  
Units -  
Unit Cost -  
Unit Cost Adjustment factor - N/A  
Revised Unit Cost - None  
Basis for adjustment - None

**Resources**

Cost Element		Skill		Department		Curve	Quantity	Units
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K311S	D&D Program	Linear	1.041.60	Hours

Factors 1302 Hours

A5C SUPPLIES		0000	NONE	K311S	D&D Program	Linear	4.000.00	Dollars
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Factors 5000 Dollars

0.8 Budget Cuts

**Line Item 201 - MANAGEMENT**

**BOE**

Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J.  
Experience Item Desc -  
Breakdown of Cost Data:  
Item -  
Units -  
Unit Cost -  
Unit Cost Adjustment factor - N/A  
Revised Unit Cost - None  
Basis for adjustment - None

**Resources**

Cost Element		Skill		Department		Curve	Quantity	Units
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K311S	D&D Program	Linear	74.40	Hours

Factors 93 Hours

0.8 Budget Cuts

**Line Item 202 - ENGINEERING SUPPORT**

**BOE**

Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J.  
Experience Item Desc -  
Breakdown of Cost Data:  
Item -  
Units -  
Unit Cost -  
Unit Cost Adjustment factor - N/A  
Revised Unit Cost - None  
Basis for adjustment - None

**Resources**

Cost Element		Skill		Department		Curve	Quantity	Units
A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	10.440.00	Dollars

Factors 13050 Dollars 150 Hours

A5H SUBCONTRACTED SRVS		0000	NONE	K311S	D&D Program	Linear	5.440.00	Dollars
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Factors 6800 Dollars 4 gamma scan surveys

0.8 Budget Cuts

**Line Item 301 - MANAGEMENT**

**BOE**

Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J.  
Experience Item Desc -  
Breakdown of Cost Data:  
Item -  
Units -  
Unit Cost -  
Unit Cost Adjustment factor - N/A  
Revised Unit Cost - None  
Basis for adjustment - None

WBS No: 1CAFNN03  
Activity ID: 1CAFNN304

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1CAF  
Activity Filter \*

Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K311S	D&D Program	Linear	74.40	Hours
Factors 93 Hours									

0.8 Budget Cuts

**Line Item 302 - ENGINEERING SUPPORT**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None								
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	A5H	SUBCONTRACTED SRVS	0000	NONE	K215S	Information Resource Mat	Linear	44,544.00	Dollars
Factors 55680 Dollars									

0.8 Budget Cuts

Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	A5H	SUBCONTRACTED SRVS	0000	NONE	K238S	Radiation Protection	Linear	32,364.00	Dollars
Factors 40455 Dollars									

0.8 Budget Cuts

**Line Item 501 - PROJECT MANAGEMENT**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None								
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K311S	D&D Program	Linear	74.40	Hours
Factors 93 Hours									

0.8 Budget Cuts

**Line Item 502 - RADIOLOGICAL ENGINEER**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None								
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	A5H	SUBCONTRACTED SRVS	0000	NONE	K238S	Radiation Protection	Linear	20,671.20	Dollars
Factors 25839 Dollars 297 Hours									

0.8 Budget Cuts

**Line Item 503 - RCT'S AND SUPERVISION**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data:								
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WBS No: 1CAFNN03  
Activity ID: 1CAFNN304

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1CAF  
Activity Filter \* Starts In FY \*

Item -  
Units -  
Unit Cost -  
Unit Cost Adjustment factor - N/A  
Revised Unit Cost - None  
Basis for adjustment - None

**Resources**

Cost Element		Skill		Department		Curve	Quantity	Units
A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	10.080.00	Dollars

Factors 12600 Dollars

300 Hours

0.8 Budget Cuts

**Line Item SYS - Contingency And Escalation**

**BOE**

**Resources**

Cost Element		Skill		Department		Curve	Quantity	Units
CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	10.018.68	Dollars

Factors 10018.7 Dollars

ESC	ESCALATION	0000	NONE	ZDEPT	No Department	Linear	20.567.35	Dollars
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Factors 20567.4 Dollars

Activity ID: 1CAFNN305

Description: FY05 D&D Program - Characterization

Cost Risk 1 Schedule Risk 1

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
102	BUILDING CHARACTERIZATION	1.00	Each	HC	1.302	1.302	69.592	5.000	0	74.592	24.218	98.810
201	MANAGEMENT	1.00	Each	HC	93	93	4.971	0	0	4.971	1.730	6.701
202	ENGINEERING SUPPORT	1.00	Each	HC	0	0	0	118.500	0	118.500	0	118.500
301	MANAGEMENT	1.00	Each	HC	93	93	4.971	0	0	4.971	1.730	6.701
302	ENGINEERING SUPPORT	1.00	Each	HC	0	0	0	99.450	0	99.450	0	99.450
501	PROJECT MANAGEMENT	1.00	Each	HC	93	93	4.971	0	0	4.971	1.730	6.701
502	RADIOLOGICAL ENGINEER	1.00	Each	HC	0	0	0	26.730	0	26.730	0	26.730
503	RCT'S AND SUPERVISION	1.00	Each	HC	0	0	0	13.500	0	13.500	0	13.500
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	201.717	201.717	0	201.717
Total for Activity 1CAFNN305:						1.581	84.504	263.180	201.717	549.402	29.408	578.809

**Line Item 102 - BUILDING CHARACTERIZATION**

**BOE**

Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J.

Experience Item Desc -  
Breakdown of Cost Data:

Item -  
Units -  
Unit Cost -  
Unit Cost Adjustment factor - N/A  
Revised Unit Cost - None  
Basis for adjustment - None

**Resources**

Cost Element		Skill		Department		Curve	Quantity	Units
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K311S	D&D Program	Linear	1.302.00	Hours

Factors 1302 Hours

A5C	SUPPLIES	0000	NONE	K311S	D&D Program	Linear	5.000.00	Dollars
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Factors 5000 Dollars

**Line Item 201 - MANAGEMENT**

**BOE**

Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J.

Experience Item Desc -  
Breakdown of Cost Data:

Item -  
Units -  
Unit Cost -  
Unit Cost Adjustment factor - N/A

WBS No: 1CAFNN03  
Activity ID: 1CAFNN305

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1CAF  
Activity Filter \* Starts In FY \*

Revised Unit Cost - None  
Basis for adjustment - None

Resources		Cost Element		Skill		Department		Curve	Quantity	Units
750		STRAIGHT TIME BASE		M020	MANAGERS (GRADE 69 - 72)	K311S	D&D Program	Linear	93.00	Hours
Factors		93		Hours						

**Line Item 202 - ENGINEERING SUPPORT**

**BOE** Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J.  
Experience Item Desc -  
Breakdown of Cost Data:  
Item -  
Units -  
Unit Cost -  
Unit Cost Adjustment factor - N/A  
Revised Unit Cost - None  
Basis for adjustment - None

Resources		Cost Element		Skill		Department		Curve	Quantity	Units
A5H		SUBCONTRACTED SRVS		0000	NONE	K311S	D&D Program	Linear	13.500.00	Dollars
Factors		13500		Dollars		150		Hours		
A5H		SUBCONTRACTED SRVS		0000	NONE	K311S	D&D Program	Linear	105.000.00	Dollars
Factors		105000		Dollars		150		Samples		

**Line Item 301 - MANAGEMENT**

**BOE** Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J.  
Experience Item Desc -  
Breakdown of Cost Data:  
Item -  
Units -  
Unit Cost -  
Unit Cost Adjustment factor - N/A  
Revised Unit Cost - None  
Basis for adjustment - None

Resources		Cost Element		Skill		Department		Curve	Quantity	Units
750		STRAIGHT TIME BASE		M020	MANAGERS (GRADE 69 - 72)	K311S	D&D Program	Linear	93.00	Hours
Factors		93		Hours						

**Line Item 302 - ENGINEERING SUPPORT**

**BOE** Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J.  
Experience Item Desc -  
Breakdown of Cost Data:  
Item -  
Units -  
Unit Cost -  
Unit Cost Adjustment factor - N/A  
Revised Unit Cost - None  
Basis for adjustment - None

Resources		Cost Element		Skill		Department		Curve	Quantity	Units
A5H		SUBCONTRACTED SRVS		0000	NONE	K215S	Information Resource Mat	Linear	57.600.00	Dollars
Factors		57600		Dollars						
A5H		SUBCONTRACTED SRVS		0000	NONE	K238S	Radiation Protection	Linear	41.850.00	Dollars
Factors		41850		Dollars						

**Line Item 501 - PROJECT MANAGEMENT**

**BOE** Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J.  
Experience Item Desc -  
Breakdown of Cost Data:  
Item -

WBS No: 1CAFNN03  
Activity ID: 1CAFNN305

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1CAF  
Activity Filter \* Starts In FY \*

Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None					
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Resources		Cost Element		Skill		Department		Curve	Quantity	Units
		750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K311S	D&D Program	Linear	93.00	Hours
		Factors	93	Hours						

**Line Item 502 - RADIOLOGICAL ENGINEER**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs)for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None									
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	A5H	SUBCONTRACTED SRVS	0000	NONE	K238S	Radiation Protection	Linear	26.730.00	Dollars
	Factors	26730 Dollars	297 Hours						

**Line Item 503 - RCT'S AND SUPERVISION**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs)for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None									
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Resources	Cost Element			Skill		Department		Curve	Quantity	Units
	A5H	SUBCONTRACTED SRVS		0000	NONE	K311S	D&D Program	Linear	13.500.00	Dollars
	Factors	13500	Dollars	300 Hours						

**Line Item SYS - Contingency And Escalation**

BOE										
Resources		Cost Element		Skill		Department		Curve	Quantity	Units
		CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	143.299.70	Dollars
		Factors	143300	Dollars						
		ESC	ESCALATION	0000	NONE	ZDEPT	No Department	Linear	58.417.39	Dollars
		Factors	58417.4	Dollars						

Activity ID: 1CXXXFNN35 Description: FY06 D&D Program - Characterization

Cost Risk 1 Schedule Risk 1

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
102	BUILDING CHARACTERIZATION	1.00	Each	HC	1.302	1.302	69.592	5.000	0	74.592	24.218	98.810
201	MANAGEMENT	1.00	Each	HC	93	93	4.971	0	0	4.971	1.730	6.701
202	ENGINEERING SUPPORT	1.00	Each	HC	0	0	0	118.500	0	118.500	0	118.500
301	MANAGEMENT	1.00	Each	HC	93	93	4.971	0	0	4.971	1.730	6.701
302	ENGINEERING SUPPORT	1.00	Each	HC	0	0	0	99.450	0	99.450	0	99.450
501	PROJECT MANAGEMENT	1.00	Each	HC	93	93	4.971	0	0	4.971	1.730	6.701
502	RADIOLOGICAL ENGINEER	1.00	Each	HC	0	0	0	26.730	0	26.730	0	26.730
503	RCT'S AND SUPERVISION	1.00	Each	HC	0	0	0	13.500	0	13.500	0	13.500
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	301.314	301.314	0	301.314

WBS No: 1CAFNN03  
Activity ID: 1CXXXFNN35

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1CAF  
Activity Filter \*

Starts In FY \*

Total for Activity 1CXXXFNN35:

1.581	84.504	263.180	301.314	648.998	29.408	678.406
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**Line Item 102 - BUILDING CHARACTERIZATION**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None					
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Cost Element		Skill		Department		Curve	Quantity	Units
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K311S	D&D Program	Linear	1,302.00	Hours
Factors 1302 Hours								
A5C	SUPPLIES	0000	NONE	K311S	D&D Program	Linear	5,000.00	Dollars

Factors 5000 Dollars

**Line Item 201 - MANAGEMENT**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None					
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Cost Element		Skill		Department		Curve	Quantity	Units
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K311S	D&D Program	Linear	93.00	Hours
Factors 93 Hours								

**Line Item 202 - ENGINEERING SUPPORT**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None					
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Cost Element		Skill		Department		Curve	Quantity	Units
A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	13,500.00	Dollars
Factors 13500 Dollars 150 Hours								
A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	105,000.00	Dollars

Factors 105000 Dollars 150 Samples

**Line Item 301 - MANAGEMENT**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None					
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WBS No: 1CAFNN03  
Activity ID: 1CXXXXNN35

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project  
WBS Filter  
Activity Filter

Baseline Devl  
1CAF  
\*

Starts In FY \*

Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K311S	D&D Program	Linear	93.00	Hours

Factors 93 Hours

**Line Item 302 - ENGINEERING SUPPORT**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	A5H	SUBCONTRACTED SRVS	0000	NONE	K215S	Information Resource Mat	Linear	57.600.00	Dollars

Factors 57600 Dollars

A5H	SUBCONTRACTED SRVS	0000	NONE	K238S	Radiation Protection	Linear	41.850.00	Dollars
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Factors 41850 Dollars

**Line Item 501 - PROJECT MANAGEMENT**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K311S	D&D Program	Linear	93.00	Hours

Factors 93 Hours

**Line Item 502 - RADIOLOGICAL ENGINEER**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	A5H	SUBCONTRACTED SRVS	0000	NONE	K238S	Radiation Protection	Linear	26.730.00	Dollars

Factors 26730 Dollars

297 Hours

**Line Item 503 - RCT'S AND SUPERVISION**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None
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WBS No: 1CAFNN03  
Activity ID: 1CXXXXNN35

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1CAF  
Activity Filter \*

Starts In FY \*

Resources	Cost Element	Skill	Department	Curve	Quantity	Units
A5H	SUBCONTRACTED SRVS	0000 NONE	K311S D&D Program	Linear	13.500.00	Dollars
Factors	13500 Dollars	300 Hours				

**Line Item SYS - Contingency And Escalation**

**BOE**

Resources	Cost Element	Skill	Department	Curve	Quantity	Units
CON	CONTINGENCY	0000 NONE	ZDEPT No Department	Linear	217.316.70	Dollars
Factors	217317 Dollars					
ESC	ESCALATION	0000 NONE	ZDEPT No Department	Linear	83.997.23	Dollars
Factors	83997.2 Dollars					

WBS No: 1CAFNN04 Title: Programmatic Documents  
Activity ID: 1CAFNN400 Description: FY00 D&D Program - Programmatic Documents

Cost Risk 1 Schedule Risk 1

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
101	Rev. & rev. current POWERTool documentation	1.00	Each	HC	0	0	0	35.448	0	35.448	0	35.448
102	Training & SMEs regarding POWERTool process	1.00	Each	HC	0	0	0	0	0	0	0	0
201	Rev.&rev. current FACILE/BEST 2000 documentation	1.00	Each	HC	0	0	0	32.130	0	32.130	0	32.130
202	Training & SMEs regarding FACILE/BEST 2000 proc.	1.00	Each	HC	0	0	0	0	0	0	0	0
301	Provide Sitewide implementation of the RSOP	1.00	Each	HC	40	40	2.138	10.500	0	12.638	1.043	13.681
302	Complete the Dismantlement RSOP	1.00	Each	HC	10	10	535	31.332	0	31.867	261	32.127
303	Obtain Dismantlement RSOP regulatory approval	1.00	Each	HC	10	10	535	4.800	0	5.335	261	5.595
304	Complete the Demolition RSOP	1.00	Each	HC	10	10	535	31.332	0	31.867	261	32.127
305	Obtain Demolition RSOP regulatory approval	1.00	Each	HC	10	10	535	4.800	0	5.335	261	5.595
401	Sup Sitewide implementation of the DPPs/DOPs/PAMs	1.00	Each	HC	60	60	3.207	5.250	0	8.457	1.565	10.022
501	Sup Sitewide implementation of the DDCP/RLSP/PDSP	1.00	Each	HC	20	20	1.069	4.200	0	5.269	522	5.791
601	Prepare minor rev to FDCM & Desk-top instruction	1.00	Each	HC	120	120	6.414	52.534	0	58.948	3.130	62.078
801	Prep annual rev to the PMP & assoc. desk-top inst.	1.00	Each	HC	100	100	5.345	45.938	0	51.283	2.608	53.891
Total for Activity 1CAFNN400:						380	20,311	258,264	0	278,575	9,912	288,486

**Line Item 101 - Rev. & rev. current POWERTool documentation**

**BOE**

Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J.  
Experience Item Desc -  
Breakdown of Cost Data:  
Item -  
Units -  
Unit Cost -  
Unit Cost Adjustment factor - N/A  
Revised Unit Cost - None  
Basis for adjustment - None

Resources	Cost Element	Skill	Department	Curve	Quantity	Units
750	STRAIGHT TIME BASE	M020 MANAGERS (GRADE 69 - 72)	K311S D&D Program	Linear	0.00	Hours
Factors	0 Hours					
A5C	SUPPLIES	0000 NONE	K311S D&D Program	Linear	1.688.00	Dollars
Factors	1688 Dollars	5% ODC.s				
A5H	SUBCONTRACTED SRVS	0000 NONE	K311S D&D Program	Linear	25.760.00	Dollars
Factors	25760 Dollars	280 Hrs.				
A5H	SUBCONTRACTED SRVS	0000 NONE	K311S D&D Program	Linear	8.000.00	Dollars
Factors	8000 Dollars	40 Hrs.				

**Line Item 102 - Training & SMEs regarding POWERTool process**

**BOE**

Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J.  
Experience Item Desc -  
Breakdown of Cost Data:  
Item -



WBS No: 1CAFNN04  
Activity ID: 1CAFNN400

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1CAF  
Activity Filter \*

Starts In FY \*

Units -  
Unit Cost -  
Unit Cost Adjustment factor - N/A  
Revised Unit Cost - None  
Basis for adjustment - None

**Resources**

Cost Element		Skill		Department		Curve	Quantity	Units
A5C	SUPPLIES	0000	NONE	K311S	D&D Program	Linear	0.00	Dollars
Factors	0	Dollars	5% ODC.s					
A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	0.00	Dollars
Factors	0	Dollars	0 Hrs					

**Line Item 201 - Rev.&rev. current FACILE/BEST 2000 documentation**

**BOE**

Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J.  
Experience Item Desc -  
Breakdown of Cost Data:  
Item -  
Units -  
Unit Cost -  
Unit Cost Adjustment factor - N/A  
Revised Unit Cost - None  
Basis for adjustment - None

**Resources**

Cost Element		Skill		Department		Curve	Quantity	Units
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K311S	D&D Program	Linear	0.00	Hours
Factors	0	Hours						
A5C	SUPPLIES	0000	NONE	K311S	D&D Program	Linear	1.530.00	Dollars
Factors	1530	Dollars	5% ODC.s					
A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	25.760.00	Dollars
Factors	25760	Dollars	280 Hrs.					
A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	4.840.00	Dollars
Factors	4840	Dollars	40 Hrs.					

**Line Item 202 - Training & SMEs regarding FACILE/BEST 2000 proc.**

**BOE**

Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J.  
Experience Item Desc -  
Breakdown of Cost Data:  
Item -  
Units -  
Unit Cost -  
Unit Cost Adjustment factor - N/A  
Revised Unit Cost - None  
Basis for adjustment - None

**Resources**

Cost Element		Skill		Department		Curve	Quantity	Units
A5C	SUPPLIES	0000	NONE	K311S	D&D Program	Linear	0.00	Dollars
Factors	0	Dollars	5% ODC.s					
A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	0.00	Dollars
Factors	0	Dollars	0 Hrs					

**Line Item 301 - Provide Sitewide implementation of the RSOP**

**BOE**

Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J.  
Experience Item Desc -  
Breakdown of Cost Data:  
Item -  
Units -  
Unit Cost -  
Unit Cost Adjustment factor - N/A  
Revised Unit Cost - None  
Basis for adjustment - None

WBS No: 1CAFNN04  
Activity ID: 1CAFNN400

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1CAF  
Activity Filter \*

Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K311S	D&D Program	Linear	40.00	Hours
	Factors 40 Hours								
	A5C	SUPPLIES	0000	NONE	K311S	D&D Program	Linear	500.00	Dollars
	Factors 500 Dollars		5% ODC.s						
	A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	10.000.00	Dollars
	Factors 10000 Dollars		100 Hrs						

**Line Item 302 - Complete the Dismantlement RSOP**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs)for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None								
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K311S	D&D Program	Linear	10.00	Hours
	Factors 10 Hours		5% ODC.s						
	A5C	SUPPLIES	0000	NONE	K311S	D&D Program	Linear	1.492.00	Dollars
	Factors 1492 Dollars		5% ODC.s						
	A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	8.000.00	Dollars
	Factors 8000 Dollars		80 Hrs						
	A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	12.000.00	Dollars
	Factors 12000 Dollars		120Hrs						
	A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	9.840.00	Dollars
	Factors 9840 Dollars		120Hrs						

**Line Item 303 - Obtain Dismantlement RSOP regulatory approval**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs)for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None								
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K311S	D&D Program	Linear	10.00	Hours
	Factors 10 Hours								
	A5C	SUPPLIES	0000	NONE	K311S	D&D Program	Linear	800.00	Dollars
	Factors 800 Dollars		5% ODC.s						
	A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	4.000.00	Dollars
	Factors 4000 Dollars		40 Hrs.						

**Line Item 304 - Complete the Demolition RSOP**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs)for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A								
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WBS No: 1CAFNN04  
Activity ID: 1CAFNN400

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1CAF  
Activity Filter \* Starts In FY \*

Revised Unit Cost - None  
Basis for adjustment - None

**Resources**

Cost Element		Skill		Department		Curve	Quantity	Units
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K311S	D&D Program	Linear	10.00	Hours
Factors	10	Hours						
A5C	SUPPLIES	0000	NONE	K311S	D&D Program	Linear	1.492.00	Dollars
Factors	1492	Dollars 5% ODC.s						
A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	8.000.00	Dollars
Factors	8000	Dollars 80 Hrs						
A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	12.000.00	Dollars
Factors	12000	Dollars 120 Hrs.						
A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	9.840.00	Dollars
Factors	9840	Dollars 120 Hrs.						

**Line Item 305 - Obtain Demolition RSOP regulatory approval**

**BOE**

Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J.  
Experience Item Desc -  
Breakdown of Cost Data:  
Item -  
Units -  
Unit Cost -  
Unit Cost Adjustment factor - N/A  
Revised Unit Cost - None  
Basis for adjustment - None

**Resources**

Cost Element		Skill		Department		Curve	Quantity	Units
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K311S	D&D Program	Linear	10.00	Hours
Factors	10	Hours						
A5C	SUPPLIES	0000	NONE	K311S	D&D Program	Linear	800.00	Dollars
Factors	800	Hours 5% ODC.s						
A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	4.000.00	Dollars
Factors	4000	Dollars 40Hrs						

**Line Item 401 - Sup Sitewide implementation of the DPPs/DOPs/PAMs**

**BOE**

Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J.  
Experience Item Desc -  
Breakdown of Cost Data:  
Item -  
Units -  
Unit Cost -  
Unit Cost Adjustment factor - N/A  
Revised Unit Cost - None  
Basis for adjustment - None

**Resources**

Cost Element		Skill		Department		Curve	Quantity	Units
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K311S	D&D Program	Linear	60.00	Hours
Factors	60	Hours						
A5C	SUPPLIES	0000	NONE	K311S	D&D Program	Linear	250.00	Dollars
Factors	250	Dollars 5% ODC.s						
A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	5.000.00	Dollars
Factors	5000	Dollars 50 Hrs						

**Line Item 501 - Sup Sitewide implementation of the DDCP/RLSP/PDSP**

**BOE**

Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J.  
Experience Item Desc -  
Breakdown of Cost Data:  
Item -  
Units -

WBS No: 1CAFNN04  
Activity ID: 1CAFNN400

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1CAF  
Activity Filter \*

Starts In FY \*

Unit Cost -  
Unit Cost Adjustment factor - N/A  
Revised Unit Cost - None  
Basis for adjustment - None

**Resources**

Cost Element		Skill		Department		Curve	Quantity	Units
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K311S	D&D Program	Linear	20.00	Hours
Factors 20 Hours								
A5C	SUPPLIES	0000	NONE	K311S	D&D Program	Linear	200.00	Dollars
Factors 200 Dollars		5% ODC.s						
A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	4.000.00	Dollars
Factors 4000 Dollars		40 Hrs						

**Line Item 601 - Prepare minor rev to FDCM & Desk-top instruction**

**BOE**

Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J.  
Experience Item Desc -  
Breakdown of Cost Data:  
Item -  
Units -  
Unit Cost -  
Unit Cost Adjustment factor - N/A  
Revised Unit Cost - None  
Basis for adjustment - None

**Resources**

Cost Element		Skill		Department		Curve	Quantity	Units
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K311S	D&D Program	Linear	120.00	Hours
Factors 120 Hours								
A5C	SUPPLIES	0000	NONE	K311S	D&D Program	Linear	2.454.00	Dollars
Factors 2454 Dollars		5% ODC.s						
A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	22.080.00	Dollars
Factors 22080 Dollars		240 Hrs						
A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	19.680.00	Dollars
Factors 19680 Dollars		240 Hrs						
A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	2.820.00	Dollars
Factors 2820 Dollars		20 Hrs						
A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	4.500.00	Dollars
Factors 4500 Dollars		60 Hrs						
A5R	MISC EXPENSES	0000	NONE	K311S	D&D Program	Linear	1.000.00	Dollars
Factors 1000 Dollars		Printing						

**Line Item 801 - Prep annual rev to the PMP & assoc. desk-top inst.**

**BOE**

Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J.  
Experience Item Desc -  
Breakdown of Cost Data:  
Item -  
Units -  
Unit Cost -  
Unit Cost Adjustment factor - N/A  
Revised Unit Cost - None  
Basis for adjustment - None

**Resources**

Cost Element		Skill		Department		Curve	Quantity	Units
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K311S	D&D Program	Linear	100.00	Hours
Factors 100 Hours								
A5C	SUPPLIES	0000	NONE	K311S	D&D Program	Linear	2.187.50	Dollars
Factors 2187.5 Dollars		ODC's 5%						
A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	40.000.00	Dollars
Factors 40000 Dollars		400 Hrs						

WBS No: 1CAFNN04  
Activity ID: 1CAFNN400

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1CAF  
Activity Filter \*

Starts In FY \*

A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	3,750.00	Dollars
Factors	3750	Dollars	50 Hrs					

Activity ID: 1CAFNN401 Description: FY01 D&D Program - Programmatic Documents

Cost Risk 1 Schedule Risk 1

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
101	Rev. & rev. current POWERTool documentation	1.00	Each	HC	20	20	1,069	19,992	0	21,061	510	21,571
102	Training & SMEs regarding POWERTool process	1.00	Each	HC	0	0	0	3,864	0	3,864	0	3,864
201	Rev.&rev. current FACILE/BEST 2000 documentation	1.00	Each	HC	20	20	1,069	16,674	0	17,743	510	18,253
202	Training & SMEs regarding FACILE/BEST 2000 proc.	1.00	Each	HC	0	0	0	3,864	0	3,864	0	3,864
301	Provide Sitewide implementation of the RSOPs	1.00	Each	HC	200	200	10,690	42,000	0	52,690	5,099	57,789
306	Annually review & revise the Concrete Recycle RSOP	1.00	Each	HC	20	20	1,069	12,600	0	13,669	510	14,179
307	Coordinate Concrete Recycle RSOP approval	1.00	Each	HC	10	10	535	4,800	0	5,335	255	5,589
308	Annually review & revise the Dismantlement RSOP	1.00	Each	HC	20	20	1,069	12,600	0	13,669	510	14,179
309	Annually review and revise the Demolition RSOP	1.00	Each	HC	20	20	1,069	12,600	0	13,669	510	14,179
401	Sup Sitewide implementation of the DPPs/DOPs/PAMs	1.00	Each	HC	60	60	3,207	5,250	0	8,457	1,530	9,987
402	Annually review and revise the Decom Prog. Plan	1.00	Each	HC	20	20	1,069	12,600	0	13,669	510	14,179
403	Coordinate DPP regulatory approval	1.00	Each	HC	10	10	535	4,800	0	5,335	255	5,589
404	Annually review and revise the DOPs/PAMs	1.00	Each	HC	20	20	1,069	12,600	0	13,669	510	14,179
405	Coordinate DOPs/PAMs regulatory approval	1.00	Each	HC	10	10	535	4,800	0	5,335	255	5,589
501	Sup Sitewide implementation of the DDGP/RLSP/PDSP	1.00	Each	HC	60	60	3,207	3,150	0	6,357	1,530	7,887
502	Annually review and revise the Decom Prog. Plan	1.00	Each	HC	30	30	1,604	7,350	0	8,954	765	9,718
602	Prepare Major rev to FDCM & Desk-top instruction	1.00	Each	HC	540	540	28,863	119,188	0	148,051	13,768	161,819
603	Prep fall minor rev to FDCM & Desk-top instruct	1.00	Each	HC	240	240	12,828	52,534	0	65,362	6,119	71,481
604	Prep spring minor rev to FDCM & Desk-top instruct	1.00	Each	HC	240	240	12,828	1,000	0	13,828	6,119	19,947
701	Prep annual rev. to FDPM and Desk-Top Instruction	1.00	Each	HC	40	40	2,138	22,239	0	24,377	1,020	25,397
801	Prep annual rev to the PMP & assoc. desk-top inst.	1.00	Each	HC	200	200	10,690	45,938	0	56,628	5,099	61,727
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	29,740	29,740	0	29,740
Total for Activity 1CAFNN401:						1,780	95,141	420,443	29,740	545,323	45,382	590,706

**Line Item 101 - Rev. & rev. current POWERTool documentation**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None
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Resources	Cost Element	Skill	Department	Curve	Quantity	Units
750	STRAIGHT TIME BASE	M020 MANAGERS (GRADE 69 - 72)	K311S D&D Program	Linear	20.00	Hours
Factors	20	Hours				
A5C	SUPPLIES	0000 NONE	K311S D&D Program	Linear	952.00	Dollars
Factors	952	Dollars	5% ODC.s			
A5H	SUBCONTRACTED SRVS	0000 NONE	K311S D&D Program	Linear	11,040.00	Dollars
Factors	11040	Dollars	120 Hrs.			
A5H	SUBCONTRACTED SRVS	0000 NONE	K311S D&D Program	Linear	8,000.00	Dollars
Factors	8000	Dollars	40 Hrs.			

**Line Item 102 - Training & SMEs regarding POWERTool process**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units -
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WBS No: 1CAFNN04  
Activity ID: 1CAFNN401

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1CAF  
Activity Filter \*

Starts In FY \*

Unit Cost -  
Unit Cost Adjustment factor - N/A  
Revised Unit Cost - None  
Basis for adjustment - None

**Resources**

Cost Element		Skill		Department		Curve	Quantity	Units
A5C	SUPPLIES	0000	NONE	K311S	D&D Program	Linear	184.00	Dollars
Factors	184 Dollars	5% ODC.s						
A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	3.680.00	Dollars
Factors	3680 Dollars	40 Hrs.						

**Line Item 201 - Rev.&rev. current FACILE/BEST 2000 documentation**

**BOE**

Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J.  
Experience Item Desc -  
Breakdown of Cost Data:  
Item -  
Units -  
Unit Cost -  
Unit Cost Adjustment factor - N/A  
Revised Unit Cost - None  
Basis for adjustment - None

**Resources**

Cost Element		Skill		Department		Curve	Quantity	Units
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K311S	D&D Program	Linear	20.00	Hours
Factors	20 Hours							
A5C	SUPPLIES	0000	NONE	K311S	D&D Program	Linear	794.00	Dollars
Factors	794 Dollars	5% ODC.s						
A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	11.040.00	Dollars
Factors	11040 Dollars	120 Hrs.						
A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	4.840.00	Dollars
Factors	4840 Dollars	40 Hrs.						

**Line Item 202 - Training & SMEs regarding FACILE/BEST 2000 proc.**

**BOE**

Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J.  
Experience Item Desc -  
Breakdown of Cost Data:  
Item -  
Units -  
Unit Cost -  
Unit Cost Adjustment factor - N/A  
Revised Unit Cost - None  
Basis for adjustment - None

**Resources**

Cost Element		Skill		Department		Curve	Quantity	Units
A5C	SUPPLIES	0000	NONE	K311S	D&D Program	Linear	184.00	Dollars
Factors	184 Dollars	5% ODC.s						
A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	3.680.00	Dollars
Factors	3680 Dollars	40 Hrs						

**Line Item 301 - Provide Sitewide implementation of the RSOPs**

**BOE**

Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J.  
Experience Item Desc -  
Breakdown of Cost Data:  
Item -  
Units -  
Unit Cost -  
Unit Cost Adjustment factor - N/A  
Revised Unit Cost - None  
Basis for adjustment - None

**Resources**

Cost Element		Skill		Department		Curve	Quantity	Units
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WBS No: 1CAFNN04  
Activity ID: 1CAFNN401

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project  
WBS Filter  
Activity Filter  
Baseline Devl  
1CAF  
\*

Starts In FY \*

750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K311S	D&D Program	Linear	200.00	Hours
Factors	200	Hours						
A5C	SUPPLIES	0000	NONE	K311S	D&D Program	Linear	2,000.00	Dollars
Factors	2000	Dollars	5% ODC.s					
A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	40,000.00	Dollars
Factors	40000	Dollars	400 Hrs					

**Line Item 306 - Annually review & revise the Concrete Recycle RSOP**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs)for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K311S	D&D Program	Linear	20.00	Hours
	Factors	20							
		Hours							
	A5C	SUPPLIES	0000	NONE	K311S	D&D Program	Linear	600.00	Dollars
	Factors	600	5% ODC,s						
		Dollars							
	A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	12,000.00	Dollars
Factors	12000	Dollars		120 Hrs					

**Line Item 307 - Coordinate Concrete Recycle RSOP approval**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs)for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K311S	D&D Program	Linear	10.00	Hours
	Factors	10							
		Hours							
	A5C	SUPPLIES	0000	NONE	K311S	D&D Program	Linear	800.00	Dollars
	Factors	800	5% ODC.s						
		Dollars							
A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	4,000.00	Dollars	
Factors	4000	40 Hrs							
	Dollars								

**Line Item 308 - Annually review & revise the Dismantlement RSOP**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs)for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K311S	D&D Program	Linear	20.00	Hours
	Factors 20 Hours								

WBS No: 1CAFNN04  
Activity ID: 1CAFNN401

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1CAF  
Activity Filter \*

Starts In FY \*

A5C	SUPPLIES	0000	NONE	K311S	D&D Program	Linear	600.00	Dollars
Factors	600	Dollars	5% ODC.s					
A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	12,000.00	Dollars
Factors	12000	Dollars	120 Hrs					

**Line Item 309 - Annually review and revise the Demolition RSOP**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs)for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None							
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K311S	D&D Program	Linear	20.00	Hours
	Factors	20	Hours						
	A5C	SUPPLIES	0000	NONE	K311S	D&D Program	Linear	600.00	Dollars
	Factors	600	Dollars		5% ODC.s				
	A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	12,000.00	Dollars
	Factors	12000	Dollars		120 Hrs				

**Line Item 401 - Sup Sitewide implementation of the DPPs/DOPs/PAMs**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs)for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None							
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Resources	Cost Element			Skill		Department		Curve	Quantity	Units	
	750	STRAIGHT TIME BASE		M020	MANAGERS (GRADE 69 - 72)		K311S	D&D Program	Linear	60.00	Hours
	Factors	60	Hours								
	A5C	SUPPLIES		0000	NONE		K311S	D&D Program	Linear	250.00	Dollars
	Factors	250	Dollars	5% ODC.s							
	A5H	SUBCONTRACTED SRVS		0000	NONE		K311S	D&D Program	Linear	5,000.00	Dollars
	Factors	5000	Dollars	50 Hrs							

**Line Item 402 - Annually review and revise the Decom Prog. Plan**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs)for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None							
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Resources												
	<i>Cost Element</i>			<i>Skill</i>			<i>Department</i>					
							<i>Curve</i>					
							<i>Quantity</i>					
							<i>Units</i>					
	750	STRAIGHT TIME BASE		M020	MANAGERS (GRADE 69 - 72)		K311S	D&D Program		Linear	20.00	Hours
	<i>Factors</i>	20	Hours									
	A5C	SUPPLIES		0000	NONE		K311S	D&D Program		Linear	600.00	Dollars
	<i>Factors</i>	600	Dollars	5% ODC.s								



WBS No: 1CAFNN04  
Activity ID: 1CAFNN401

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1CAF  
Activity Filter \*

Starts In FY \*

A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	12.000.00	Dollars
Factors	12000 Dollars				120 Hrs			

**Line Item 403 - Coordinate DPP regulatory approval**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs)for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None							
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K311S	D&D Program	Linear	10.00	Hours
Factors	10	Hours							
	A5C	SUPPLIES	0000	NONE	K311S	D&D Program	Linear	800.00	Dollars
Factors	800	Dollars		5% ODC.s					
	A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	4.000.00	Dollars
Factors	4000	Dollars		40 Hrs					

**Line Item 404 - Annually review and revise the DOPs/PAMs**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs)for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None							
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K311S	D&D Program	Linear	20.00	Hours
	Factors	20							
		Hours							
	A5C	SUPPLIES	0000	NONE	K311S	D&D Program	Linear	600.00	Dollars
	Factors	600	5% ODC.s						
		Dollars							
A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	12.000.00	Dollars	
Factors	12000	120 Hrs							
	Dollars								

**Line Item 405 - Coordinate DOPs/PAMs regulatory approval**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs)for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None							
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Resources	Cost Element			Skill		Department		Curve	Quantity	Units	
	750	STRAIGHT TIME BASE		M020	MANAGERS (GRADE 69 - 72)		K311S	D&D Program	Linear	10.00	Hours
	Factors	10	Hours								
	A5C	SUPPLIES		0000	NONE		K311S	D&D Program	Linear	800.00	Dollars
	Factors	800	Dollars			5% ODC.s					
	A5H	SUBCONTRACTED SRVS		0000	NONE		K311S	D&D Program	Linear	4.000.00	Dollars
	Factors	4000	Dollars			40 Hrs					

WBS No: 1CAFNN04  
Activity ID: 1CAFNN401

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1CAF  
Activity Filter \*

Starts In FY \*

**Line Item 501 - Sup Sitewide implementation of the DDCP/RLSP/PDSP**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs)for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None					
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Resources		Cost Element		Skill		Department		Curve	Quantity	Units
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K311S	D&D Program			Linear	60.00	Hours
		Factors	60	Hours						
A5C	SUPPLIES	0000	NONE	K311S	D&D Program			Linear	150.00	Dollars
		Factors	150	Dollars	5% ODC.s					
A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program			Linear	3.000.00	Dollars
		Factors	3000	Dollars	30 Hrs					

**Line Item 502 - Annually review and revise the Decom Prog. Plan**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs)for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None					
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Resources		Cost Element		Skill		Department		Curve	Quantity	Units
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K311S	D&D Program			Linear	30.00	Hours
		Factors	30	Hours						
A5C	SUPPLIES	0000	NONE	K311S	D&D Program			Linear	350.00	Dollars
		Factors	350	Dollars	5% ODC.s					
A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program			Linear	7.000.00	Dollars
		Factors	7000	Dollars	70 Hrs					

**Line Item 602 - Prepare Major rev to FDCM & Desk-top instruction**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs)for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None					
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Resources		Cost Element		Skill		Department		Curve	Quantity	Units
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K311S	D&D Program			Linear	540.00	Hours
		Factors	540	Hours						
A5C	SUPPLIES	0000	NONE	K311S	D&D Program			Linear	5.628.00	Dollars
		Factors	5628	Dollars	5% ODC.s					
A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program			Linear	49.680.00	Dollars
		Factors	49680	Dollars	540 Hrs					
A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program			Linear	14.100.00	Dollars
		Factors	14100	Dollars	100 Hrs					

WBS No: 1CAFNN04  
Activity ID: 1CAFNN401

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project  
WBS Filter  
Activity Filter

Baseline Devl  
1CAF  
\*

Starts In FY \*

A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	4,500.00	Dollars
Factors	4500 Dollars		60 Hrs					
A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	44,280.00	Dollars
Factors	44280 Dollars		540 Hrs					
A5R	MISC EXPENSES	0000	NONE	K311S	D&D Program	Linear	1,000.00	Dollars
Factors	1000 Dollars		Printing					

**Line Item 603 - Prep fall minor rev to FDCM & Desk-top instruct**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs)for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K311S	D&D Program	Linear	240.00	Hours
	Factors	240	Hours						
	A5C	SUPPLIES	0000	NONE	K311S	D&D Program	Linear	2,454.00	Dollars
	Factors	2454	Dollars	5% ODC.s					
	A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	2,820.00	Dollars
	Factors	2820	Dollars	20 Hrs					
	A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	22,080.00	Dollars
	Factors	22080	Dollars	240 Hrs					
	A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	19,680.00	Dollars
	Factors	19680	Dollars	240 Hrs					
	A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	4,500.00	Dollars
	Factors	4500	Dollars	60 Hrs					
	A5R	MISC EXPENSES	0000	NONE	K311S	D&D Program	Linear	1,000.00	Dollars
Factors	1000	Dollars	Printing						

**Line Item 604 - Prep spring minor rev to FDCM & Desk-top instruct**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs)for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K311S	D&D Program	Linear	240.00	Hours
	Factors	240 Hours							
	A5R	MISC EXPENSES	0000	NONE	K311S	D&D Program	Linear	1,000.00	Dollars
	Factors	1000 Dollars	Printing						

**Line Item 701 - Prep annual rev. to FDPM and Desk-Top Instruction**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs)for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost -
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WBS No: 1CAFNN04  
Activity ID: 1CAFNN401

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1CAF  
Activity Filter \* Starts In FY \*

Unit Cost Adjustment factor - N/A  
Revised Unit Cost - None  
Basis for adjustment - None

**Resources**

Cost Element		Skill		Department		Curve	Quantity	Units
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K311S	D&D Program	Linear	40.00	Hours
Factors	40	Hours						
A5C	SUPPLIES	0000	NONE	K311S	D&D Program	Linear	1.059.00	Dollars
Factors	1059	Dollars ODC's 5%						
A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	16.000.00	Dollars
Factors	16000	Dollars 160 Hrs						
A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	3.680.00	Dollars
Factors	3680	Dollars 40 Hrs						
A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	1.500.00	Dollars
Factors	1500	Dollars 20 Hrs						

**Line Item 801 - Prep annual rev to the PMP & assoc. desk-top inst.**

**BOE**

Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J.  
Experience Item Desc -  
Breakdown of Cost Data:  
Item -  
Units -  
Unit Cost -  
Unit Cost Adjustment factor - N/A  
Revised Unit Cost - None  
Basis for adjustment - None

**Resources**

Cost Element		Skill		Department		Curve	Quantity	Units
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K311S	D&D Program	Linear	200.00	Hours
Factors	200	Hours						
A5C	SUPPLIES	0000	NONE	K311S	D&D Program	Linear	2.187.50	Dollars
Factors	2187.5	Dollars ODC's 5%						
A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	40.000.00	Dollars
Factors	40000	Dollars 400 Hrs						
A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	3.750.00	Dollars
Factors	3750	Dollars 50 Hrs						

**Line Item SYS - Contingency And Escalation**

**BOE**

**Resources**

Cost Element		Skill		Department		Curve	Quantity	Units
CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	17.944.13	Dollars
Factors	17944.1	Dollars						
ESC	ESCALATION	0000	NONE	ZDEPT	No Department	Linear	11.795.86	Dollars
Factors	11795.9	Dollars						

Activity ID: 1CAFNN402

Description: FY02 D&D Program - Programmatic Documents

Cost Risk 1 Schedule Risk 1

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
101	Rev. & rev. current POWERTool documentation	1.00	Each	HC	16	16	855	15.994	0	16.849	302	17.151
102	Training & SMEs regarding POWERTool process	1.00	Each	HC	0	0	0	3.091	0	3.091	0	3.091
201	Rev & rev. current FACILE/BEST 2000 documentation	1.00	Each	HC	16	16	855	13.339	0	14.194	302	14.496
202	Training & SMEs regarding FACILE/BEST 2000 proc.	1.00	Each	HC	0	0	0	3.091	0	3.091	0	3.091
301	Provide Sitewide implementation of the RSOPs	1.00	Each	HC	160	160	8.552	33.600	0	42.152	3.019	45.171
306	Annually review & revise the Concrete Recycle RSOP	1.00	Each	HC	16	16	855	10.080	0	10.935	302	11.237
307	Coordinate Concrete Recycle RSOP approval	1.00	Each	HC	8	8	428	3.840	0	4.268	151	4.419
308	Annually review and revise the Dismantlement RSOP	1.00	Each	HC	32	32	1.710	20.160	0	21.870	604	22.474
309	Annually review and revise the Demolition RSOP	1.00	Each	HC	16	16	855	10.080	0	10.935	302	11.237

WBS No: 1CAFNN04  
Activity ID: 1CAFNN402

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1CAF  
Activity Filter \*

310	Coordinate Dismantlement RSOP approval	1.00	Each	HC	8	8	428	3,840	0	4,268	151	4,419	
311	Coordinate Demoliton RSOP approval	1.00	Each	HC	8	8	428	3,840	0	4,268	151	4,419	
401	Sup Sitewide implementation of the DPPs/DOPs/PAMs	1.00	Each	HC	48	48	2,566	4,000	0	6,566	906	7,471	
402	Sup Sitewide implementation of the DPPs/DOPs/PAMs	1.00	Each	HC	16	16	855	10,280	0	11,135	302	11,437	
404	Annually review and revise the DOPs/PAMs	1.00	Each	HC	16	16	855	10,080	0	10,935	302	11,237	
501	Sup Sitewide implementation of the DDCP/RLSP/PDSP	1.00	Each	HC	48	48	2,566	2,520	0	5,086	906	5,991	
502	Annually review and revise the Decom Prog. Plan	1.00	Each	HC	24	24	1,283	5,880	0	7,163	453	7,616	
602	Prepare Maior rev to FDCM & Desk-top instruction	1.00	Each	HC	432	432	23,090	95,350	0	118,441	8,151	126,592	
603	Prep fall minor rev. to FDCM/Desk-top instruction	1.00	Each	HC	192	192	10,262	42,027	0	52,290	3,623	55,912	
701	Prep annual rev. to FDPM and Desk-Top Instruction	1.00	Each	HC	32	32	1,710	0	0	1,710	604	2,314	
801	Prep annual rev to the PMP & assoc. desk-top inst.	1.00	Each	HC	160	160	8,552	36,750	0	45,302	3,019	48,321	
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	62,490	62,490	0	62,490	
Total for Activity 1CAFNN402:							1,248	66,706	327,843	62,490	457,038	23,547	480,585

**Line Item 101 - Rev. & rev. current POWERTool documentation**

<b>BOE</b> Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs)for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None											
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Resources		Cost Element		Skill		Department		Curve	Quantity	Units
750		STRAIGHT TIME BASE		M020 MANAGERS (GRADE 69 - 72)		K311S D&D Program		Linear	16.00	Hours
Factors		20 Hours								
						0.8 Budget Cuts				
A5C		SUPPLIES		0000 NONE		K311S D&D Program		Linear	761.60	Dollars
Factors		952 Dollars		5% ODC.s						
						0.8 Budget Cuts				
A5H		SUBCONTRACTED SRVS		0000 NONE		K311S D&D Program		Linear	8,832.00	Dollars
Factors		11040 Dollars		120 Hrs.						
						0.8 Budget Cuts				
A5H		SUBCONTRACTED SRVS		0000 NONE		K311S D&D Program		Linear	6,400.00	Dollars
Factors		8000 Dollars		40 Hrs.						
						0.8 Budget Cuts				

**Line Item 102 - Training & SMEs regarding POWERTool process**

<b>BOE</b> Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs)for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None											
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Resources		Cost Element		Skill		Department		Curve	Quantity	Units
A5C		SUPPLIES		0000 NONE		K311S D&D Program		Linear	147.20	Dollars
Factors		184 Dollars		5% ODC.s						
						0.8 Budget Cuts				
A5H		SUBCONTRACTED SRVS		0000 NONE		K311S D&D Program		Linear	2,944.00	Dollars
Factors		3680 Dollars		40 Hrs.						
						0.8 Budget Cuts				

WBS No: 1CAFNN04  
Activity ID: 1CAFNN402

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1CAF  
Activity Filter \*

Starts In FY \*

**Line Item 201 - Rev.&rev. current FACILE/BEST 2000 documentation**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs)for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None					
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Resources		Cost Element	Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K311S	D&D Program	Linear	16.00	Hours
Factors	20	Hours							
					0.8	Budget Cuts			
	A5C	SUPPLIES	0000	NONE	K311S	D&D Program	Linear	635.20	Dollars
Factors	794	Dollars		5% ODC.s					
					0.8	Budget Cuts			
	A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	8.832.00	Dollars
Factors	11040	Dollars		120 Hrs.					
					0.8	Budget Cuts			
	A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	3.872.00	Dollars
Factors	4840	Dollars		40 Hrs.					
					0.8	Budget Cuts			

**Line Item 202 - Training & SMEs regarding FACILE/BEST 2000 proc.**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs)for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None					
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Resources		Cost Element	Skill		Department		Curve	Quantity	Units
	A5C	SUPPLIES	0000	NONE	K311S	D&D Program	Linear	147.20	Dollars
Factors	184	Dollars		5% ODC.s					
					0.8	Budget Cuts			
	A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	2.944.00	Dollars
Factors	3680	Dollars		40 Hrs.					
					0.8	Budget Cuts			

**Line Item 301 - Provide Sitewide implementation of the RSOPs**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs)for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None					
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Resources		Cost Element	Skill		Department		Curve	Quantity	Units
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WBS No: 1CAFNN04  
Activity ID: 1CAFNN402

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1CAF  
Activity Filter \*

Starts In FY \*

750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K311S	D&D Program	Linear	160.00	Hours
Factors	200	Hours			0.8	Budget Cuts		
A5C	SUPPLIES	0000	NONE	K311S	D&D Program	Linear	1,600.00	Dollars
Factors	2000	Dollars	5% ODC.s		0.8	Budget Cuts		
A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	32,000.00	Dollars
Factors	40000	Dollars	400 Hrs		0.8	Budget Cuts		

**Line Item 306 - Annually review & revise the Concrete Recycle RSOP**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None							
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Resources		Cost Element		Skill		Department		Curve		Quantity		Units
	750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K311S	D&D Program	Linear			16.00		Hours
Factors	20	Hours				0.8	Budget Cuts					
A5C	SUPPLIES	0000	NONE	K311S	D&D Program	Linear				480.00		Dollars
Factors	600	Dollars	5% ODC.s			0.8	Budget Cuts					
A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear				9,600.00		Dollars
Factors	12000	Dollars	120 Hrs			0.8	Budget Cuts					

**Line Item 307 - Coordinate Concrete Recycle RSOP approval**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None							
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Resources		Cost Element		Skill		Department		Curve		Quantity		Units
	750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K311S	D&D Program	Linear			8.00		Hours
Factors	10	Hours				0.8	Budget Cuts					
A5C	SUPPLIES	0000	NONE	K311S	D&D Program	Linear				640.00		Dollars
Factors	800	Dollars	5% ODC.s			0.8	Budget Cuts					
A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear				3,200.00		Dollars
Factors	4000	Dollars	40 Hrs			0.8	Budget Cuts					

**Line Item 308 - Annually review and revise the Dismantlement RSOP**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data:							
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WBS No: 1CAFNN04  
Activity ID: 1CAFNN402

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1CAF  
Activity Filter \*

Starts In FY \*

Item -  
Units -  
Unit Cost -  
Unit Cost Adjustment factor - N/A  
Revised Unit Cost - None  
Basis for adjustment - None

**Resources**

Cost Element		Skill		Department		Curve	Quantity	Units
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K311S	D&D Program	Linear	16.00	Hours
Factors	20	Hours						
0.8 Budget Cuts								
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K311S	D&D Program	Linear	16.00	Hours
Factors	20	Hours						
0.8 Budget Cuts								
A5C	SUPPLIES	0000	NONE	K311S	D&D Program	Linear	480.00	Dollars
Factors	600	Dollars	5% ODC.s					
0.8 Budget Cuts								
A5C	SUPPLIES	0000	NONE	K311S	D&D Program	Linear	480.00	Dollars
Factors	600	Dollars	5% ODC.s					
0.8 Budget Cuts								
A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	9.600.00	Dollars
Factors	12000	Dollars	120 Hrs					
0.8 Budget Cuts								
A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	9.600.00	Dollars
Factors	12000	Dollars	120 Hrs					
0.8 Budget Cuts								

**Line Item 309 - Annually review and revise the Demolition RSOP**

**BOE**

Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J.  
Experience Item Desc -  
Breakdown of Cost Data:  
Item -  
Units -  
Unit Cost -  
Unit Cost Adjustment factor - N/A  
Revised Unit Cost - None  
Basis for adjustment - None

**Resources**

Cost Element		Skill		Department		Curve	Quantity	Units
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K311S	D&D Program	Linear	16.00	Hours
Factors	20	Hours						
0.8 Budget Cuts								
A5C	SUPPLIES	0000	NONE	K311S	D&D Program	Linear	480.00	Dollars
Factors	600	Dollars	5% ODC.s					
0.8 Budget Cuts								
A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	9.600.00	Dollars
Factors	12000	Dollars	120 Hrs					
0.8 Budget Cuts								

**Line Item 310 - Coordinate Dismantlement RSOP approval**

**BOE**

Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J.  
Experience Item Desc -  
Breakdown of Cost Data:  
Item -  
Units -  
Unit Cost -  
Unit Cost Adjustment factor - N/A  
Revised Unit Cost - None



WBS No: 1CAFNN04  
Activity ID: 1CAFNN402

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1CAF  
Activity Filter \* Starts In FY \*

Basis for adjustment - None

**Resources**

Cost Element		Skill		Department		Curve	Quantity	Units
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K311S	D&D Program	Linear	8.00	Hours

Factors 10 Hours

		0.8 Budget Cuts						
A5C	SUPPLIES	0000	NONE	K311S	D&D Program	Linear	640.00	Dollars

Factors 800 Dollars 5% ODC.s

		0.8 Budget Cuts						
A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	3,200.00	Dollars

Factors 4000 Dollars 40 Hrs

0.8 Budget Cuts

**Line Item 311 - Coordinate Demoliton RSOP approval**

**BOE**

Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J.  
Experience Item Desc -  
Breakdown of Cost Data:  
Item -  
Units -  
Unit Cost -  
Unit Cost Adjustment factor - N/A  
Revised Unit Cost - None  
Basis for adjustment - None

**Resources**

Cost Element		Skill		Department		Curve	Quantity	Units
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K311S	D&D Program	Linear	8.00	Hours

Factors 10 Hours

		0.8 Budget Cuts						
A5C	SUPPLIES	0000	NONE	K311S	D&D Program	Linear	640.00	Dollars

Factors 800 Dollars 5% ODC.s

		0.8 Budget Cuts						
A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	3,200.00	Dollars

Factors 4000 Dollars 40 Hrs

0.8 Budget Cuts

**Line Item 401 - Sup Sitewide implementation of the DPPs/DOPs/PAMs**

**BOE**

Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J.  
Experience Item Desc -  
Breakdown of Cost Data:  
Item -  
Units -  
Unit Cost -  
Unit Cost Adjustment factor - N/A  
Revised Unit Cost - None  
Basis for adjustment - None

**Resources**

Cost Element		Skill		Department		Curve	Quantity	Units
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K311S	D&D Program	Linear	48.00	Hours

Factors 60 Hours

		0.8 Budget Cuts						
A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	4,000.00	Dollars

Factors 5000 Dollars 50 Hrs

0.8 Budget Cuts

**Line Item 402 - Sup Sitewide implementation of the DPPs/DOPs/PAMs**

**BOE**

Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J.  
Experience Item Desc -  
Breakdown of Cost Data:

WBS No: 1CAFNN04  
Activity ID: 1CAFNN402

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1CAF  
Activity Filter \*

Starts In FY \*

Item -  
Units -  
Unit Cost -  
Unit Cost Adjustment factor - N/A  
Revised Unit Cost - None  
Basis for adjustment - None

**Resources**

Cost Element		Skill		Department		Curve	Quantity	Units
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K311S	D&D Program	Linear	16.00	Hours
Factors	20	Hours						
0.8 Budget Cuts								
A5C	SUPPLIES	0000	NONE	K311S	D&D Program	Linear	480.00	Dollars
Factors	600	Dollars	5% ODC.s					
A5C	SUPPLIES	0000	NONE	K311S	D&D Program	Linear	200.00	Dollars
Factors	250	Dollars	5% ODC.s					
A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	9.600.00	Dollars
Factors	12000	Dollars	120 Hrs					
0.8 Budget Cuts								

**Line Item 404 - Annually review and revise the DOPs/PAMs**

**BOE**

Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J.  
Experience Item Desc -  
Breakdown of Cost Data:  
Item -  
Units -  
Unit Cost -  
Unit Cost Adjustment factor - N/A  
Revised Unit Cost - None  
Basis for adjustment - None

**Resources**

Cost Element		Skill		Department		Curve	Quantity	Units
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K311S	D&D Program	Linear	16.00	Hours
Factors	20	Hours						
0.8 Budget Cuts								
A5C	SUPPLIES	0000	NONE	K311S	D&D Program	Linear	480.00	Dollars
Factors	600	Dollars	5% ODC.s					
A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	9.600.00	Dollars
Factors	12000	Dollars	120 Hrs					
0.8 Budget Cuts								

**Line Item 501 - Sup Sitewide implementation of the DDCP/RLSP/PDSP**

**BOE**

Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J.  
Experience Item Desc -  
Breakdown of Cost Data:  
Item -  
Units -  
Unit Cost -  
Unit Cost Adjustment factor - N/A  
Revised Unit Cost - None  
Basis for adjustment - None

**Resources**

Cost Element		Skill		Department		Curve	Quantity	Units
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K311S	D&D Program	Linear	48.00	Hours
Factors	60	Hours						
0.8 Budget Cuts								

WBS No: 1CAFNN04  
Activity ID: 1CAFNN402

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project  
WBS Filter  
Activity Filter  
Baseline Devl  
1CAF  
\*

Starts In FY \*

A5C	SUPPLIES	0000	NONE	K311S	D&D Program	Linear	120.00	Dollars
Factors	150 Dollars		5% ODC.s					
				0.8	Budget Cuts			
A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	2,400.00	Dollars
Factors	3000 Dollars		30 Hrs					
				0.8	Budget Cuts			

**Line Item 502 - Annually review and revise the Decom Prog. Plan**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None							
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K311S	D&D Program	Linear	24.00	Hours
Factors	30	Hours							
	0.8 Budget Cuts								
A5C	SUPPLIES		0000	NONE	K311S	D&D Program	Linear	280.00	Dollars
Factors	350	Dollars	5% ODC.s						
	0.8 Budget Cuts								
A5H	SUBCONTRACTED SRVS		0000	NONE	K311S	D&D Program	Linear	5,600.00	Dollars
Factors	7000	Dollars	70 Hrs						
	0.8 Budget Cuts								

**Line Item 602 - Prepare Major rev to FDCM & Desk-top instruction**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None							
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Resources	Cost Element			Skill		Department		Curve	Quantity	Units	
	750	STRAIGHT TIME BASE		M020	MANAGERS (GRADE 69 - 72)		K311S	D&D Program	Linear	432.00	Hours
Factors	540	Hours						0.8	Budaet Cuts		
	A5C	SUPPLIES		0000	NONE		K311S	D&D Program	Linear	4,502.40	Dollars
Factors	5628	Dollars		5% ODC.s							
	A5H	SUBCONTRACTED SRVS		0000	NONE		K311S	D&D Program	Linear	11,280.00	Dollars
Factors	14100	Dollars		100 Hrs							
	A5H	SUBCONTRACTED SRVS		0000	NONE		K311S	D&D Program	Linear	35,424.00	Dollars
Factors	44280	Dollars		540 Hrs							
	A5H	SUBCONTRACTED SRVS		0000	NONE		K311S	D&D Program	Linear	39,744.00	Dollars
Factors	49680	Dollars		540 Hrs							
							0.8	Budaet Cuts			

WBS No: 1CAFNN04  
Activity ID: 1CAFNN402

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project  
WBS Filter  
Activity Filter  
Baseline Devl  
1CAF  
\*

Starts In FY \*

A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	3,600.00	Dollars
Factors	4500	Dollars	60 Hrs					

0.8 Budget Cuts

A5R	MISC EXPENSES	0000	NONE	K311S	D&D Program	Linear	800.00	Dollars
Factors	1000	Dollars	Printing					

0.8 Budget Cuts

**Line Item 603 - Prep fall minor rev. to FDCM/Desk-top instruction**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None							
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K311S	D&D Program	Linear	192.00	Hours
	Factors	240	Hours						

0.8 Budget Cuts

A5C	SUPPLIES	0000	NONE	K311S	D&D Program	Linear	1,963.20	Dollars
Factors	2454	Dollars	5% ODC.s					

0.8 Budget Cuts

A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	17,664.00	Dollars
Factors	22080	Dollars	240 Hrs					

0.8 Budget Cuts

A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	3,600.00	Dollars
Factors	4500	Dollars	60 Hrs					

0.8 Budget Cuts

A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	2,256.00	Dollars
Factors	2820	Dollars	20 Hrs					

0.8 Budget Cuts

A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	15,744.00	Dollars
Factors	19680	Dollars	240 Hrs					

0.8 Budget Cuts

A5R	MISC EXPENSES	0000	NONE	K311S	D&D Program	Linear	800.00	Dollars
Factors	1000	Dollars	Printing					

0.8 Budget Cuts

**Line Item 701 - Prep annual rev. to FDPM and Desk-Top Instruction**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None							
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K311S	D&D Program	Linear	32.00	Hours
Factors	40 Hours								

0.8 Budget Cuts

WBS No: 1CAFNN04  
Activity ID: 1CAFNN402

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1CAF  
Activity Filter \*

Starts In FY \*

**Line Item 801 - Prep annual rev to the PMP & assoc. desk-top inst.**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None											
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K311S	D&D Program	Linear	160.00	Hours
Factors	200	Hours							
0.8 Budget Cuts									
A5C	SUPPLIES		0000	NONE	K311S	D&D Program	Linear	1,750.00	Dollars
Factors	2187.5	Dollars	ODC's 5%						
0.8 Budget Cuts									
A5H	SUBCONTRACTED SRVS		0000	NONE	K311S	D&D Program	Linear	32,000.00	Dollars
Factors	40000	Dollars	400 Hrs						
0.8 Budget Cuts									
A5H	SUBCONTRACTED SRVS		0000	NONE	K311S	D&D Program	Linear	3,000.00	Dollars
Factors	3750	Dollars	50 Hrs						
0.8 Budget Cuts									

**Line Item SYS - Contingency And Escalation**

BOE											
Resources	<i>Cost Element</i>				<i>Skill</i>		<i>Department</i>		<i>Curve</i>	<i>Quantity</i>	<i>Units</i>
	CON	CONTINGENCY			0000	NONE	ZDEPT	No Department	Linear	42,951.71	Dollars
	<i>Factors</i> 42951.7 Dollars										
	ESC	ESCALATION			0000	NONE	ZDEPT	No Department	Linear	19,538.21	Dollars
	<i>Factors</i> 19538.2 Dollars										

Activity ID: 1CAFNN403 Description: FY03 D&D Program - Programmatic Documents

Cost Risk 1 Schedule Risk 1

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
101	Rev. & rev. current POWERTool documentation	1.00	Each	HC	16	16	855	7,995	0	8,850	296	9,146
102	Training & SMEs regarding POWERTool process	1.00	Each	HC	0	0	0	1,546	0	1,546	0	1,546
201	Rev.&rev. current FACILE/BEST 2000 documentation	1.00	Each	HC	16	16	855	6,670	0	7,525	296	7,821
202	Training & SMEs regarding FACILE/BEST 2000 proc.	1.00	Each	HC	0	0	0	1,546	0	1,546	0	1,546
301	Provide Sitewide implementation of the RSOPs	1.00	Each	HC	160	160	8,552	33,600	0	42,152	2,959	45,111
306	Annually review & revise the Concrete Recycle RSOP	1.00	Each	HC	16	16	855	10,080	0	10,935	296	11,231
307	Coordinate Concrete Recycle RSOP approval	1.00	Each	HC	8	8	428	3,840	0	4,268	148	4,416
308	Annually review and revise the Dismantlement RSOP	1.00	Each	HC	16	16	855	10,080	0	10,935	296	11,231
309	Annually review and revise the Demolition RSOP	1.00	Each	HC	16	16	855	10,080	0	10,935	296	11,231
401	Sup Sitewide implementation of the DPPs/DOPs/PAMs	1.00	Each	HC	48	48	2,566	4,200	0	6,766	888	7,653
402	Annually review and revise the Decom Prog. Plan	1.00	Each	HC	16	16	855	10,080	0	10,935	296	11,231
404	Annually review and revise the DOPs/PAMs	1.00	Each	HC	16	16	855	10,080	0	10,935	296	11,231
405	Coordinate DOPs/PAMs regulatory approval	1.00	Each	HC	8	8	428	3,840	0	4,268	148	4,416
406	Coordinate DPP regulatory approval	1.00	Each	HC	8	8	428	3,840	0	4,268	148	4,416
501	Sup Sitewide implementation of the DDCP/RLSP/PDSP	1.00	Each	HC	48	48	2,566	2,520	0	5,086	888	5,973
502	Annually review and revise the Decom Prog. Plan	1.00	Each	HC	24	24	1,283	5,880	0	7,163	444	7,607
602	Prepare Maior rev to FDCM & Desk-top instruction	1.00	Each	HC	432	432	23,090	95,350	0	118,441	7,989	126,430
701	Prep annual rev. to FDPM and Desk-Top Instruction	1.00	Each	HC	32	32	1,710	0	0	1,710	592	2,302
801	Prep annual rev to the PMP & assoc. desk-top inst.	1.00	Each	HC	160	160	8,552	36,750	0	45,302	2,959	48,261

WBS No: 1CAFNN04  
Activity ID: 1CAFNN403

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1CAF  
Activity Filter \*

Starts In FY \*

SYS	Contingency And Escalation	1.00	lea	EE	0	0	0	0	92.267	92.267	0	92.267
Total for Activity 1CAFNN403:						1.040	55.588	257.976	92.267	405.832	19.233	425.065

**Line Item 101 - Rev. & rev. current POWERTool documentation**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None											
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K311S	D&D Program	Linear	16.00	Hours
Factors	20	Hours	0.8 Budget Cuts						
	A5C	SUPPLIES	0000	NONE	K311S	D&D Program	Linear	379.20	Dollars
Factors	474	Dollars	5% ODC.s						
	A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	3.200.00	Dollars
Factors	4000	Dollars	20 Hrs.						
	A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	4.416.00	Dollars
Factors	5520	Dollars	60 Hrs.						
						0.8 Budget Cuts			

**Line Item 102 - Training & SMEs regarding POWERTool process**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None											
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Resources	Cost Element			Skill		Department		Curve	Quantity	Units
	A5C	SUPPLIES		0000	NONE	K311S	D&D Program	Linear	73.60	Dollars
	Factors	92	Dollars	5% ODC.s						
	0.8 Budget Cuts									
	A5H	SUBCONTRACTED SRVS		0000	NONE	K311S	D&D Program	Linear	1.472.00	Dollars
	Factors	1840	Dollars	20 Hrs.						
0.8 Budget Cuts										

**Line Item 201 - Rev.&rev. current FACILE/BEST 2000 documentation**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None											
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
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WBS No: 1CAFNN04  
Activity ID: 1CAFNN403

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1CAF  
Activity Filter \*

Starts In FY \*

750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K311S	D&D Program	Linear	16.00	Hours
Factors	20	Hours			0.8	Budget Cuts		
A5C	SUPPLIES	0000	NONE	K311S	D&D Program	Linear	317.60	Dollars
Factors	397	Dollars	5% ODC.s		0.8	Budget Cuts		
A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	4.416.00	Dollars
Factors	5520	Dollars	60 Hrs.		0.8	Budget Cuts		
A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	1.936.00	Dollars
Factors	2420	Dollars	20 Hrs.		0.8	Budget Cuts		

**Line Item 202 - Training & SMEs regarding FACILE/BEST 2000 proc.**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None							
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Resources	Cost Element			Skill		Department		Curve	Quantity	Units
	A5C	SUPPLIES		0000	NONE	K311S	D&D Program	Linear	73.60	Dollars
Factors	92	Dollars	5% ODC.s				0.8	Budget Cuts		
	A5H	SUBCONTRACTED SRVS		0000	NONE	K311S	D&D Program	Linear	1.472.00	Dollars
Factors	1840	Dollars	20 Hrs.				0.8	Budget Cuts		

**Line Item 301 - Provide Sitewide implementation of the RSOPs**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None							
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K311S	D&D Program	Linear	160.00	Hours
	Factors	200	Hours						
					0.8 Budget Cuts				
	A5C	SUPPLIES	0000	NONE	K311S	D&D Program	Linear	1.600.00	Dollars
	Factors	2000	Dollars		5% ODC.s				
					0.8 Budget Cuts				
	A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	32.000.00	Dollars
	Factors	40000	Dollars		400 Hrs				
					0.8 Budget Cuts				

**Line Item 306 - Annually review & revise the Concrete Recycle RSOP**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data:							
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WBS No: 1CAFNN04  
Activity ID: 1CAFNN403

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1CAF  
Activity Filter \* Starts In FY \*

Item -  
Units -  
Unit Cost -  
Unit Cost Adjustment factor - N/A  
Revised Unit Cost - None  
Basis for adjustment - None

**Resources**

Cost Element		Skill		Department		Curve	Quantity	Units
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K311S	D&D Program	Linear	16.00	Hours
Factors 20 Hours								
		0.8 Budget Cuts						
A5C	SUPPLIES	0000	NONE	K311S	D&D Program	Linear	480.00	Dollars
Factors 600 Dollars		5% ODC.s						
		0.8 Budget Cuts						
A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	9,600.00	Dollars
Factors 12000 Dollars		120 Hrs						
		0.8 Budget Cuts						

**Line Item 307 - Coordinate Concrete Recycle RSOP approval**

**BOE**

Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J.

Experience Item Desc -  
Breakdown of Cost Data:  
Item -  
Units -  
Unit Cost -  
Unit Cost Adjustment factor - N/A  
Revised Unit Cost - None  
Basis for adjustment - None

**Resources**

Cost Element		Skill		Department		Curve	Quantity	Units
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K311S	D&D Program	Linear	8.00	Hours
Factors 10 Hours								
		0.8 Budget Cuts						
A5C	SUPPLIES	0000	NONE	K311S	D&D Program	Linear	640.00	Dollars
Factors 800 Dollars		5% ODC.s						
		0.8 Budget Cuts						
A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	3,200.00	Dollars
Factors 4000 Dollars		40 Hrs						
		0.8 Budget Cuts						

**Line Item 308 - Annually review and revise the Dismantlement RSOP**

**BOE**

Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J.

Experience Item Desc -  
Breakdown of Cost Data:  
Item -  
Units -  
Unit Cost -  
Unit Cost Adjustment factor - N/A  
Revised Unit Cost - None  
Basis for adjustment - None

**Resources**

Cost Element		Skill		Department		Curve	Quantity	Units
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K311S	D&D Program	Linear	16.00	Hours
Factors 20 Hours								
		0.8 Budget Cuts						
A5C	SUPPLIES	0000	NONE	K311S	D&D Program	Linear	480.00	Dollars
Factors 600 Dollars		5% ODC.s						
		0.8 Budget Cuts						



WBS No: 1CAFNN04  
Activity ID: 1CAFNN403

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project  
WBS Filter  
Activity Filter

Baseline Devl  
1CAF  
\*

Starts In FY \*

A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	9,600.00	Dollars
Factors	12000	Dollars	120 Hrs					

0.8 Budget Cuts

**Line Item 309 - Annually review and revise the Demolition RSOP**

**BOE**

Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J.  
Experience Item Desc -  
Breakdown of Cost Data:  
Item -  
Units -  
Unit Cost -  
Unit Cost Adjustment factor - N/A  
Revised Unit Cost - None  
Basis for adjustment - None

**Resources**

Cost Element			Skill		Department		Curve	Quantity	Units
750	STRAIGHT TIME BASE		M020	MANAGERS (GRADE 69 - 72)	K311S	D&D Program	Linear	16.00	Hours
Factors	20	Hours							

0.8 Budget Cuts

A5C	SUPPLIES	0000	NONE	K311S	D&D Program	Linear	480.00	Dollars
Factors	600	Dollars	5% ODC,s					

0.8 Budget Cuts

A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	9,600.00	Dollars
Factors	12000	Dollars	120 Hrs					

0.8 Budget Cuts

**Line Item 401 - Sup Sitewide implementation of the DPPs/DOPs/PAMs**

**BOE**

Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J.  
Experience Item Desc -  
Breakdown of Cost Data:  
Item -  
Units -  
Unit Cost -  
Unit Cost Adjustment factor - N/A  
Revised Unit Cost - None  
Basis for adjustment - None

**Resources**

Cost Element			Skill		Department		Curve	Quantity	Units
750	STRAIGHT TIME BASE		M020	MANAGERS (GRADE 69 - 72)	K311S	D&D Program	Linear	48.00	Hours
Factors	60	Hours							

0.8 Budget Cuts

A5C	SUPPLIES	0000	NONE	K311S	D&D Program	Linear	200.00	Dollars
Factors	250	Dollars	5% ODC,s					

0.8 Budget Cuts

A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	4,000.00	Dollars
Factors	5000	Dollars	50 Hrs					

0.8 Budget Cuts

**Line Item 402 - Annually review and revise the Decom Prog. Plan**

**BOE**

Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J.  
Experience Item Desc -  
Breakdown of Cost Data:  
Item -  
Units -  
Unit Cost -  
Unit Cost Adjustment factor - N/A  
Revised Unit Cost - None  
Basis for adjustment - None

WBS No: 1CAFNN04  
Activity ID: 1CAFNN403

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1CAF  
Activity Filter \*

Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K311S	D&D Program	Linear	16.00	Hours
<i>Factors</i> 20 Hours									
0.8 Budget Cuts									
A5C		SUPPLIES	0000	NONE	K311S	D&D Program	Linear	480.00	Dollars
<i>Factors</i> 600 Dollars 5% ODC.s									
A5H		SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	9.600.00	Dollars
<i>Factors</i> 12000 Dollars 120 Hrs									
0.8 Budget Cuts									

**Line Item 404 - Annually review and revise the DOPs/PAMs**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None								
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K311S	D&D Program	Linear	16.00	Hours
<i>Factors</i> 20 Hours									
0.8 Budget Cuts									
A5C		SUPPLIES	0000	NONE	K311S	D&D Program	Linear	480.00	Dollars
<i>Factors</i> 600 Dollars 5% ODC.s									
A5H		SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	9.600.00	Dollars
<i>Factors</i> 12000 Dollars 120 Hrs									
0.8 Budget Cuts									

**Line Item 405 - Coordinate DOPs/PAMs regulatory approval**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None								
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K311S	D&D Program	Linear	8.00	Hours
<i>Factors</i> 10 Hours									
0.8 Budget Cuts									
A5C		SUPPLIES	0000	NONE	K311S	D&D Program	Linear	640.00	Dollars
<i>Factors</i> 800 Dollars 5% ODC.s									
A5H		SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	3.200.00	Dollars
<i>Factors</i> 4000 Dollars 40 Hrs									
0.8 Budget Cuts									

**Line Item 406 - Coordinate DPP regulatory approval**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J.								
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WBS No: 1CAFNN04  
Activity ID: 1CAFNN403

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1CAF  
Activity Filter \*

Starts In FY \*

Experience Item Desc -  
Breakdown of Cost Data:  
Item -  
Units -  
Unit Cost -  
Unit Cost Adjustment factor - N/A  
Revised Unit Cost - None  
Basis for adjustment - None

**Resources**

Cost Element		Skill		Department		Curve	Quantity	Units
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K311S	D&D Program	Linear	8.00	Hours
Factors	10	Hours			0.8	Budget Cuts		
A5C	SUPPLIES	0000	NONE	K311S	D&D Program	Linear	640.00	Dollars
Factors	800	Dollars	5% ODC.s		0.8	Budget Cuts		
A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	3,200.00	Dollars
Factors	4000	Dollars	40 Hrs		0.8	Budget Cuts		

**Line Item 501 - Sup Sitewide implementation of the DDCP/RLSP/PDSP**

**BOE**

Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J.  
Experience Item Desc -  
Breakdown of Cost Data:  
Item -  
Units -  
Unit Cost -  
Unit Cost Adjustment factor - N/A  
Revised Unit Cost - None  
Basis for adjustment - None

**Resources**

Cost Element		Skill		Department		Curve	Quantity	Units
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K311S	D&D Program	Linear	48.00	Hours
Factors	60	Hours			0.8	Budget Cuts		
A5C	SUPPLIES	0000	NONE	K311S	D&D Program	Linear	120.00	Dollars
Factors	150	Dollars	5% ODC.s		0.8	Budget Cuts		
A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	2,400.00	Dollars
Factors	3000	Dollars	30 Hrs		0.8	Budget Cuts		

**Line Item 502 - Annually review and revise the Decom Prog. Plan**

**BOE**

Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J.  
Experience Item Desc -  
Breakdown of Cost Data:  
Item -  
Units -  
Unit Cost -  
Unit Cost Adjustment factor - N/A  
Revised Unit Cost - None  
Basis for adjustment - None

**Resources**

Cost Element		Skill		Department		Curve	Quantity	Units
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K311S	D&D Program	Linear	24.00	Hours
Factors	30	Hours			0.8	Budget Cuts		

WBS No: 1CAFNN04  
Activity ID: 1CAFNN403

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project  
WBS Filter  
Activity Filter  
Baseline Devl  
1CAF  
\*

Starts In FY \*

A5C	SUPPLIES	0000	NONE	K311S	D&D Program	Linear	280.00	Dollars
Factors	350	Dollars	5% ODC.s	0.8	Budget Cuts			
A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	5,600.00	Dollars
Factors	7000	Dollars	70 Hrs	0.8	Budget Cuts			

**Line Item 602 - Prepare Major rev to FDCM & Desk-top instruction**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None							
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K311S	D&D Program	Linear	432.00	Hours
Factors	540	Hours							
					0.8	Budget Cuts			
	A5C	SUPPLIES	0000	NONE	K311S	D&D Program	Linear	4,502.40	Dollars
Factors	5628	Dollars	5% ODC.s						
					0.8	Budget Cuts			
	A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	11,280.00	Dollars
Factors	14100	Dollars	100 Hrs						
					0.8	Budget Cuts			
	A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	39,744.00	Dollars
Factors	49680	Dollars	540 Hrs						
					0.8	Budget Cuts			
	A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	35,424.00	Dollars
Factors	44280	Dollars	540 Hrs						
					0.8	Budget Cuts			
	A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	3,600.00	Dollars
Factors	4500	Dollars	60 Hrs						
					0.8	Budget Cuts			
	A5R	MISC EXPENSES	0000	NONE	K311S	D&D Program	Linear	800.00	Dollars
Factors	1000	Dollars	Printing						
					0.8	Budget Cuts			

**Line Item 701 - Prep annual rev. to FDPM and Desk-Top Instruction**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None							
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Resources									
	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K311S	D&D Program	Linear	32.00	Hours
Factors	40	Hours							
					0.8	Budget Cuts			

WBS No: 1CAFNN04  
Activity ID: 1CAFNN403

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1CAF  
Activity Filter \*

Starts In FY \*

**Line Item 801 - Prep annual rev to the PMP & assoc. desk-top inst.**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None											
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Resources	Cost Element			Skill		Department		Curve	Quantity	Units		
	750	STRAIGHT TIME BASE		M020	MANAGERS (GRADE 69 - 72)		K311S	D&D Program		Linear	160.00	Hours
Factors	200	Hours						0.8	Budget Cuts			
	A5C	SUPPLIES		0000	NONE		K311S	D&D Program		Linear	1,750.00	Dollars
Factors	2187.5	Dollars						0.8	Budget Cuts			
	A5H	SUBCONTRACTED SRVS		0000	NONE		K311S	D&D Program		Linear	32,000.00	Dollars
Factors	40000	Dollars						0.8	Budget Cuts			
	A5H	SUBCONTRACTED SRVS		0000	NONE		K311S	D&D Program		Linear	3,000.00	Dollars
Factors	3750	Dollars						0.8	Budget Cuts			

**Line Item SYS - Contingency And Escalation**

BOE										
Resources	Cost Element			Skill		Department		Curve	Quantity	Units
	CON	CONTINGENCY		0000	NONE	ZDEPT	No Department	Linear	66.746.43	Dollars
	Factors 66746.4 Dollars									
	ESC	ESCALATION		0000	NONE	ZDEPT	No Department	Linear	25.520.69	Dollars
	Factors 25520.7 Dollars									

Activity ID: 1CAFNN404 Description: FY04 D&D Program - Programmatic Documents

Cost Risk 1 Schedule Risk 1

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
101	Rev. & rev. current POWERTool documentation	1.00	Each	HC	16	16	855	7,995	0	8,850	290	9,141
102	Training & SMEs regarding POWERTool process	1.00	Each	HC	0	0	0	1,546	0	1,546	0	1,546
201	Rev.&rev. current FACILE/BEST 2000 documentation	1.00	Each	HC	16	16	855	6,670	0	7,525	290	7,815
202	Training & SMEs regarding FACILE/BEST 2000 proc.	1.00	Each	HC	0	0	0	1,546	0	1,546	0	1,546
301	Provide Sitewide implementation of the RSOPs	1.00	Each	HC	160	160	8,552	33,600	0	42,152	2,902	45,054
306	Annually review & revise the Concrete Recycle RSOP	1.00	Each	HC	16	16	855	10,080	0	10,935	290	11,225
307	Coordinate Concrete Recycle RSOP approval	1.00	Each	HC	8	8	428	3,840	0	4,268	145	4,413
308	Annually review and revise the Dismantlement RSOP	1.00	Each	HC	16	16	855	10,080	0	10,935	290	11,225
309	Annually review and revise the Demolition RSOP	1.00	Each	HC	16	16	855	10,080	0	10,935	290	11,225
310	Coordinate Dismantlement RSOP approval	1.00	Each	HC	8	8	428	3,840	0	4,268	145	4,413
311	Coordinate Demoliton RSOP approval	1.00	Each	HC	8	8	428	3,840	0	4,268	145	4,413
401	Sup Sitewide implementation of the DPPs/DOPs/PAMs	1.00	Each	HC	48	48	2,566	4,200	0	6,766	871	7,636
402	Annually review and revise the Decom Prog. Plan	1.00	Each	HC	16	16	855	10,080	0	10,935	290	11,225
404	Annually review and revise the DOPs/PAMs	1.00	Each	HC	16	16	855	10,080	0	10,935	290	11,225
501	Sup Sitewide implementation of the DDCP/RLSP/PDSP	1.00	Each	HC	48	48	2,566	2,520	0	5,086	871	5,956
502	Annually review and revise the Decom Prog. Plan	1.00	Each	HC	24	24	1,283	5,880	0	7,163	435	7,598
701	Prep annual rev. to FDPM and Desk-Top Instruction	1.00	Each	HC	32	32	1,710	0	0	1,710	580	2,291
801	Prep annual rev to the PMP & assoc. desk-top inst.	1.00	Each	HC	160	160	8,552	36,750	0	45,302	2,902	48,204
SYS	Contingency And Escalation	1.00	ea	FF	0	0	0	0	93,299	93,299	0	93,299

WBS No: 1CAFNN04  
Activity ID: 1CAFNN404

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1CAF  
Activity Filter \*

Starts In FY \*

Total for Activity 1CAFNN404:

608	32.498	162.626	93.299	288.423	11.028	299.451
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**Line Item 101 - Rev. & rev. current POWERTool documentation**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None					
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Resources		Cost Element	Skill	Department	Curve	Quantity	Units
	750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K311S D&D Program	Linear	16.00 Hours
Factors	20	Hours					
					0.8 Budget Cuts		
	A5C	SUPPLIES	0000	NONE	K311S D&D Program	Linear	379.20 Dollars
Factors	474	Dollars		5% ODC.s			
					0.8 Budget Cuts		
	A5H	SUBCONTRACTED SRVS	0000	NONE	K311S D&D Program	Linear	3,200.00 Dollars
Factors	4000	Dollars		20 Hrs.			
					0.8 Budget Cuts		
	A5H	SUBCONTRACTED SRVS	0000	NONE	K311S D&D Program	Linear	4,416.00 Dollars
Factors	5520	Dollars		60 Hrs.			
					0.8 Budget Cuts		

**Line Item 102 - Training & SMEs regarding POWERTool process**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None					
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Resources		Cost Element	Skill	Department	Curve	Quantity	Units
	A5C	SUPPLIES	0000	NONE	K311S D&D Program	Linear	73.60 Dollars
Factors	92	Dollars		5% ODC.s			
					0.8 Budget Cuts		
	A5H	SUBCONTRACTED SRVS	0000	NONE	K311S D&D Program	Linear	1,472.00 Dollars
Factors	1840	Dollars		20 Hrs.			
					0.8 Budget Cuts		

**Line Item 201 - Rev.&rev. current FACILE/BEST 2000 documentation**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None					
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Resources		Cost Element	Skill	Department	Curve	Quantity	Units
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WBS No: 1CAFNN04  
Activity ID: 1CAFNN404

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1CAF  
Activity Filter \* Starts In FY \*

750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K311S	D&D Program	Linear	16.00	Hours
Factors	20	Hours			0.8	Budget Cuts		
A5C	SUPPLIES	0000	NONE	K311S	D&D Program	Linear	317.60	Dollars
Factors	397	Dollars	5% ODC.s		0.8	Budget Cuts		
A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	4.416.00	Dollars
Factors	5520	Dollars	60 Hrs.		0.8	Budget Cuts		
A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	1.936.00	Dollars
Factors	2420	Dollars	20 Hrs.		0.8	Budget Cuts		

**Line Item 202 - Training & SMEs regarding FACILE/BEST 2000 proc.**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None
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Resources	Cost Element			Skill		Department		Curve	Quantity	Units
	A5C	SUPPLIES		0000	NONE	K311S	D&D Program	Linear	73.60	Dollars
	Factors	92	Dollars	5% ODC.s			0.8	Budget Cuts		
	A5H	SUBCONTRACTED SRVS		0000	NONE	K311S	D&D Program	Linear	1.472.00	Dollars
	Factors	1840	Dollars	20 Hrs.			0.8	Budget Cuts		

**Line Item 301 - Provide Sitewide implementation of the RSOPs**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K311S	D&D Program	Linear	160.00	Hours
	Factors	200	Hours						
					0.8 Budget Cuts				
	A5C	SUPPLIES	0000	NONE	K311S	D&D Program	Linear	1.600.00	Dollars
Factors	2000	Dollars	5% ODC.s						
					0.8 Budget Cuts				
	A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	32.000.00	Dollars
Factors	40000	Dollars	400 Hrs						
					0.8 Budget Cuts				

**Line Item 306 - Annually review & revise the Concrete Recycle RSOP**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data:
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WBS No: 1CAFNN04  
Activity ID: 1CAFNN404

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1CAF  
Activity Filter \* Starts In FY \*

Item -  
Units -  
Unit Cost -  
Unit Cost Adjustment factor - N/A  
Revised Unit Cost - None  
Basis for adjustment - None

**Resources**

Cost Element		Skill		Department		Curve	Quantity	Units
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K311S	D&D Program	Linear	16.00	Hours
Factors 20 Hours								
				0.8	Budget Cuts			
A5C	SUPPLIES	0000	NONE	K311S	D&D Program	Linear	480.00	Dollars
Factors 600 Dollars		5% ODC.s						
				0.8	Budget Cuts			
A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	9,600.00	Dollars
Factors 12000 Dollars		120 Hrs						
				0.8	Budget Cuts			

**Line Item 307 - Coordinate Concrete Recycle RSOP approval**

**BOE**

Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J.

Experience Item Desc -  
Breakdown of Cost Data:  
Item -  
Units -  
Unit Cost -  
Unit Cost Adjustment factor - N/A  
Revised Unit Cost - None  
Basis for adjustment - None

**Resources**

Cost Element		Skill		Department		Curve	Quantity	Units
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K311S	D&D Program	Linear	8.00	Hours
Factors 10 Hours								
				0.8	Budget Cuts			
A5C	SUPPLIES	0000	NONE	K311S	D&D Program	Linear	640.00	Dollars
Factors 800 Dollars		5% ODC.s						
				0.8	Budget Cuts			
A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	3,200.00	Dollars
Factors 4000 Dollars		40 Hrs						
				0.8	Budget Cuts			

**Line Item 308 - Annually review and revise the Dismantlement RSOP**

**BOE**

Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J.

Experience Item Desc -  
Breakdown of Cost Data:  
Item -  
Units -  
Unit Cost -  
Unit Cost Adjustment factor - N/A  
Revised Unit Cost - None  
Basis for adjustment - None

**Resources**

Cost Element		Skill		Department		Curve	Quantity	Units
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K311S	D&D Program	Linear	16.00	Hours
Factors 20 Hours								
				0.8	Budget Cuts			
A5C	SUPPLIES	0000	NONE	K311S	D&D Program	Linear	480.00	Dollars
Factors 600 Dollars		5% ODC.s						
				0.8	Budget Cuts			



WBS No: 1CAFNN04  
Activity ID: 1CAFNN404

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1CAF  
Activity Filter \* Starts In FY \*

A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	9,600.00	Dollars
Factors	12000	Dollars	120 Hrs					

0.8 Budget Cuts

**Line Item 309 - Annually review and revise the Demolition RSOP**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None							
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K311S	D&D Program	Linear	16.00	Hours
	<i>Factors</i> 20       Hours								

0.8 Budget Cuts

A5C	SUPPLIES	0000	NONE	K311S	D&D Program	Linear	480.00	Dollars
Factors	600	Dollars	5% ODC.s					

0.8 Budget Cuts

A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	9,600.00	Dollars
Factors	12000	Dollars	120 Hrs					

0.8 Budget Cuts

**Line Item 310 - Coordinate Dismantlement RSOP approval**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None							
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K311S	D&D Program	Linear	8.00	Hours
	Factors 10 Hours								

0.8 Budget Cuts

A5C	SUPPLIES	0000	NONE	K311S	D&D Program	Linear	640.00	Dollars
Factors	800	Dollars	5% ODC.s					

0.8 Budget Cuts

A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	3,200.00	Dollars
Factors	4000	Dollars	40 Hrs					

0.8 Budget Cuts

**Line Item 311 - Coordinate Demoliton RSOP approval**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None							
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WBS No: 1CAFNN04  
Activity ID: 1CAFNN404

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1CAF  
Activity Filter \*

Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K311S	D&D Program	Linear	8.00	Hours
Factors	10	Hours							
0.8 Budget Cuts									
A5C	SUPPLIES	0000	NONE	K311S	D&D Program	Linear	640.00	Dollars	
Factors	800	Dollars	5% ODC.s						
0.8 Budget Cuts									
A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	3,200.00	Dollars	
Factors	4000	Dollars	40 Hrs						
0.8 Budget Cuts									

**Line Item 401 - Sup Sitewide implementation of the DPPs/DOPs/PAMs**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None								
Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K311S	D&D Program	Linear	48.00	Hours
Factors	60	Hours							
0.8 Budget Cuts									
A5C	SUPPLIES	0000	NONE	K311S	D&D Program	Linear	200.00	Dollars	
Factors	250	Dollars	5% ODC.s						
0.8 Budget Cuts									
A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	4,000.00	Dollars	
Factors	5000	Dollars	50 Hrs						
0.8 Budget Cuts									

**Line Item 402 - Annually review and revise the Decom Prog. Plan**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None								
Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K311S	D&D Program	Linear	16.00	Hours
Factors	20	Hours							
0.8 Budget Cuts									
A5C	SUPPLIES	0000	NONE	K311S	D&D Program	Linear	480.00	Dollars	
Factors	600	Dollars	5% ODC.s						
0.8 Budget Cuts									
A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	9,600.00	Dollars	
Factors	12000	Dollars	120 Hrs						
0.8 Budget Cuts									

**Line Item 404 - Annually review and revise the DOPs/PAMs**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J.								
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WBS No: 1CAFNN04  
Activity ID: 1CAFNN404

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1CAF  
Activity Filter \*

Starts In FY \*

Experience Item Desc -  
Breakdown of Cost Data:  
Item -  
Units -  
Unit Cost -  
Unit Cost Adjustment factor - N/A  
Revised Unit Cost - None  
Basis for adjustment - None

Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K311S	D&D Program	Linear	16.00	Hours
Factors	20	Hours							
					0.8	Budget Cuts			
A5C	SUPPLIES		0000	NONE	K311S	D&D Program	Linear	480.00	Dollars
Factors	600	Dollars	5% ODC.s						
					0.8	Budget Cuts			
A5H	SUBCONTRACTED SRVS		0000	NONE	K311S	D&D Program	Linear	9.600.00	Dollars
Factors	12000	Dollars	120 Hrs						
					0.8	Budget Cuts			

**Line Item 501 - Sup Sitewide implementation of the DDCP/RLSP/PDSP**

BOE Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J.  
Experience Item Desc -  
Breakdown of Cost Data:  
Item -  
Units -  
Unit Cost -  
Unit Cost Adjustment factor - N/A  
Revised Unit Cost - None  
Basis for adjustment - None

Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K311S	D&D Program	Linear	48.00	Hours
Factors	60	Hours				0.8	Budget Cuts		
A5C	SUPPLIES		0000	NONE	K311S	D&D Program	Linear	120.00	Dollars
Factors	150	Dollars	5% ODC.s			0.8	Budget Cuts		
A5H	SUBCONTRACTED SRVS		0000	NONE	K311S	D&D Program	Linear	2,400.00	Dollars
Factors	3000	Dollars	30 Hrs			0.8	Budget Cuts		

**Line Item 502 - Annually review and revise the Decom Prog. Plan**

BOE Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J.  
Experience Item Desc -  
Breakdown of Cost Data:  
Item -  
Units -  
Unit Cost -  
Unit Cost Adjustment factor - N/A  
Revised Unit Cost - None  
Basis for adjustment - None

Resources									
	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K311S	D&D Program	Linear	24.00	Hours
Factors	30	Hours			0.8	Budget Cuts			

WBS No: 1CAFNN04  
Activity ID: 1CAFNN404

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1CAF  
Activity Filter \*

Starts In FY \*

A5C	SUPPLIES	0000	NONE	K311S	D&D Program	Linear	280.00	Dollars
Factors	350 Dollars		5% ODC.s		0.8 Budget Cuts			
A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	5,600.00	Dollars
Factors	7000 Dollars		70 Hrs		0.8 Budget Cuts			

**Line Item 701 - Prep annual rev. to FDPM and Desk-Top Instruction**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None							
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Resources	Cost Element	Skill	Department	Curve	Quantity	Units
	750 STRAIGHT TIME BASE	M020 MANAGERS (GRADE 69 - 72)	K311S D&D Program	Linear	32.00	Hours
Factors	40 Hours		0.8 Budget Cuts			

**Line Item 801 - Prep annual rev to the PMP & assoc. desk-top inst.**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None							
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Resources	Cost Element			Skill		Department		Curve	Quantity	Units	
	750	STRAIGHT TIME BASE		M020	MANAGERS (GRADE 69 - 72)		K311S	D&D Program	Linear	160.00	Hours
Factors	200	Hours				0.8 Budget Cuts					
A5C	SUPPLIES			0000	NONE		K311S	D&D Program	Linear	1,750.00	Dollars
Factors	2187.5	Dollars		ODC's 5%		0.8 Budget Cuts					
A5H	SUBCONTRACTED SRVS			0000	NONE		K311S	D&D Program	Linear	32,000.00	Dollars
Factors	40000	Dollars		400 Hrs		0.8 Budget Cuts					
A5H	SUBCONTRACTED SRVS			0000	NONE		K311S	D&D Program	Linear	3,000.00	Dollars
Factors	3750	Dollars		50 Hrs		0.8 Budget Cuts					

**Line Item SYS - Contingency And Escalation**

BOE										
Resources	Cost Element			Skill		Department		Curve	Quantity	Units
	CON	CONTINGENCY		0000	NONE	ZDEPT	No Department	Linear	62.939.15	Dollars
	Factors 62939.2 Dollars									
	ESC	ESCALATION		0000	NONE	ZDEPT	No Department	Linear	30.359.80	Dollars
	Factors 30359.8 Dollars									

Activity ID: 1CAFNN405 Description: FY05 D&D Program - Programmatic Documents

Cost Risk 1 Schedule Risk 1

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
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WBS No: 1CAFNN04  
Activity ID: 1CAFNN405

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1CAF  
Activity Filter \*

										Starts In FY		*
101	Rev. & rev. current POWERTool documentation	1.00	Each	HC	20	20	1.069	9.994	0	11.063	372	11.435
102	Training & SMEs regarding POWERTool process	1.00	Each	HC	0	0	0	1.932	0	1.932	0	1.932
201	Rev.&rev. current FACILE/BEST 2000 documentation	1.00	Each	HC	20	20	1.069	8.337	0	9.406	372	9.778
202	Training & SMEs regarding FACILE/BEST 2000 proc.	1.00	Each	HC	0	0	0	1.932	0	1.932	0	1.932
301	Provide Sitewide implementation of the RSOPs	1.00	Each	HC	300	300	16.035	0	0	16.035	5.580	21.615
401	Sup Sitewide implementation of the DPPs/DOPs/PAMs	1.00	Each	HC	60	60	3.207	5.250	0	8.457	1.116	9.573
402	Annually review and revise the Decom Prog. Plan	1.00	Each	HC	20	20	1.069	12.600	0	13.669	372	14.041
404	Annually review and revise the DOPs/PAMs	1.00	Each	HC	20	20	1.069	12.600	0	13.669	372	14.041
501	Sup Sitewide implementation of the DDCP/RLSP/PDSP	1.00	Each	HC	60	60	3.207	3.150	0	6.357	1.116	7.473
502	Annually review and revise the Decom Prog. Plan	1.00	Each	HC	30	30	1.604	7.350	0	8.954	558	9.512
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	77.174	77.174	0	77.174
Total for Activity 1CAFNN405:						530	28.329	63.145	77.174	168.648	9.858	178.506

**Line Item 101 - Rev. & rev. current POWERTool documentation**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None
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Resources		Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE		M020	MANAGERS (GRADE 69 - 72)	K311S	D&D Program	Linear	20.00	Hours
	Factors	20	Hours							
	A5C	SUPPLIES		0000	NONE	K311S	D&D Program	Linear	474.00	Dollars
	Factors	474	Dollars		5% ODC.s					
	A5H	SUBCONTRACTED SRVS		0000	NONE	K311S	D&D Program	Linear	5.520.00	Dollars
	Factors	5520	Dollars		60 Hrs.					
	A5H	SUBCONTRACTED SRVS		0000	NONE	K311S	D&D Program	Linear	4.000.00	Dollars
	Factors	4000	Dollars		20 Hrs.					

**Line Item 102 - Training & SMEs regarding POWERTool process**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None
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Resources		Cost Element		Skill		Department		Curve	Quantity	Units
	A5C	SUPPLIES		0000	NONE	K311S	D&D Program	Linear	92.00	Dollars
	Factors	92	Dollars		5% ODC.s					
	A5H	SUBCONTRACTED SRVS		0000	NONE	K311S	D&D Program	Linear	1.840.00	Dollars
	Factors	1840	Dollars		20 Hrs.					

**Line Item 201 - Rev.&rev. current FACILE/BEST 2000 documentation**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost -
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WBS No: 1CAFNN04  
Activity ID: 1CAFNN405

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1CAF  
Activity Filter \*

Starts In FY \*

Unit Cost Adjustment factor - N/A  
Revised Unit Cost - None  
Basis for adjustment - None

**Resources**

Cost Element		Skill		Department		Curve	Quantity	Units
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K311S	D&D Program	Linear	20.00	Hours
Factors 20 Hours								
A5C	SUPPLIES	0000	NONE	K311S	D&D Program	Linear	397.00	Dollars
Factors 397 Dollars 5% ODC.s								
A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	5,520.00	Dollars
Factors 5520 Dollars 60 Hrs.								
A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	2,420.00	Dollars
Factors 2420 Dollars 20 Hrs.								

**Line Item 202 - Training & SMEs regarding FACILE/BEST 2000 proc.**

**BOE**

Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J.  
Experience Item Desc -  
Breakdown of Cost Data:  
Item -  
Units -  
Unit Cost -  
Unit Cost Adjustment factor - N/A  
Revised Unit Cost - None  
Basis for adjustment - None

**Resources**

Cost Element		Skill		Department		Curve	Quantity	Units
A5C	SUPPLIES	0000	NONE	K311S	D&D Program	Linear	92.00	Dollars
Factors 92 Dollars 5% ODC.s								
A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	1,840.00	Dollars
Factors 1840 Dollars 20 Hrs.								

**Line Item 301 - Provide Sitewide implementation of the RSOPs**

**BOE**

Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J.  
Experience Item Desc -  
Breakdown of Cost Data:  
Item -  
Units -  
Unit Cost -  
Unit Cost Adjustment factor - N/A  
Revised Unit Cost - None  
Basis for adjustment - None

**Resources**

Cost Element		Skill		Department		Curve	Quantity	Units
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K311S	D&D Program	Linear	300.00	Hours
Factors 300 Hours								

**Line Item 401 - Sup Sitewide implementation of the DPPs/DOPs/PAMs**

**BOE**

Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J.  
Experience Item Desc -  
Breakdown of Cost Data:  
Item -  
Units -  
Unit Cost -  
Unit Cost Adjustment factor - N/A  
Revised Unit Cost - None  
Basis for adjustment - None

**Resources**

Cost Element		Skill		Department		Curve	Quantity	Units
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K311S	D&D Program	Linear	60.00	Hours
Factors 60 Hours								

WBS No: 1CAFNN04  
Activity ID: 1CAFNN405

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1CAF  
Activity Filter \*

Starts In FY \*

A5C	SUPPLIES	0000	NONE	K311S	D&D Program	Linear	250.00	Dollars
Factors	250	Dollars	5% ODC.s					
A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	5,000.00	Dollars
Factors	5000	Dollars	50 Hrs					

**Line Item 402 - Annually review and revise the Decom Prog. Plan**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs)for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K311S	D&D Program	Linear	20.00	Hours
	Factors	20	Hours						
	A5C	SUPPLIES	0000	NONE	K311S	D&D Program	Linear	600.00	Dollars
	Factors	600	Dollars		5% ODC.s				
	A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	12,000.00	Dollars
	Factors	12000	Dollars		120 Hrs				

**Line Item 404 - Annually review and revise the DOPs/PAMs**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs)for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K311S	D&D Program	Linear	20.00	Hours
	Factors	20	Hours						
	A5C	SUPPLIES	0000	NONE	K311S	D&D Program	Linear	600.00	Dollars
	Factors	600	Dollars		5% ODC.s				
	A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	12,000.00	Dollars
	Factors	12000	Dollars		120 Hrs				

**Line Item 501 - Sup Sitewide implementation of the DDCP/RLSP/PDSP**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs)for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None
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Resources														
	<i>Cost Element</i>			<i>Skill</i>			<i>Department</i>			<i>Curve</i>		<i>Quantity</i>	<i>Units</i>	
	750	STRAIGHT TIME BASE			M020	MANAGERS (GRADE 69 - 72)			K311S	D&D Program		Linear	60.00	Hours
	<i>Factors</i>	60	Hours											
	A5C	SUPPLIES			0000	NONE			K311S	D&D Program		Linear	150.00	Dollars
	<i>Factors</i>	150	Dollars			5% ODC.s								

WBS No: 1CAFNN04  
Activity ID: 1CAFNN05

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1CAF  
Activity Filter \*

Starts In FY \*

A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	3,000.00	Dollars
Factors	3000	Dollars	30 Hrs					

**Line Item 502 - Annually review and revise the Decom Prog. Plan**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs)for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None											
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Resources	Cost Element	Skill	Department	Curve	Quantity	Units
750	STRAIGHT TIME BASE	M020 MANAGERS (GRADE 69 - 72)	K311S D&D Program	Linear	30.00	Hours
Factors	30	Hours				
A5C	SUPPLIES	0000 NONE	K311S D&D Program	Linear	350.00	Dollars
Factors	350	Dollars	5% ODC.s			
A5H	SUBCONTRACTED SRVS	0000 NONE	K311S D&D Program	Linear	7,000.00	Dollars
Factors	7000	Dollars	70 Hrs			

**Line Item SYS - Contingency And Escalation**

Resources	Cost Element	Skill	Department	Curve	Quantity	Units
CON	CONTINGENCY	0000 NONE	ZDEPT No Department	Linear	55,450.35	Dollars
Factors	55450.4	Dollars				
ESC	ESCALATION	0000 NONE	ZDEPT No Department	Linear	21,723.91	Dollars
Factors	21723.9	Dollars				

WBS No:	1CAFNN05	Title:	General Support
Activity ID:	1CAFNN500	Description:	FY00 D&D Program - General Support

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
101	Integraton spprt to ER, Decom & Matl Steward.	1.00	Each	HC	32	32	1,710	0	0	1,710	835	2,545
201	Provide integration support to Decom & ER	1.00	Each	HC	32	32	1,710	0	0	1,710	835	2,545
301	Spprt to RFFO in Mtas w/CDPHE, EPA & stakhlds	1.00	Each	HC	80	80	4,276	8,400	0	12,676	2,087	14,763
401	Maint prog personnel training records & ramts	1.00	Each	HC	0	0	0	0	0	0	0	0
501	Spprt to doc cntl, clerical, report prep com trka	1.00	Each	HC	0	0	0	30,600	0	30,600	0	30,600
Total for Activity 1CAFNN500:						144	7,697	39,000	0	46,697	3,756	50,453

**Line Item 101 - Integration spprt to ER, Decom & Matl Steward.**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs)for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None											
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Resources	Cost Element	Skill	Department	Curve	Quantity	Units
750	STRAIGHT TIME BASE	M020 MANAGERS (GRADE 69 - 72)	K311S D&D Program	Linear	32.00	Hours
Factors	32	Hours				

**Line Item 201 - Provide integration support to Decom & ER**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs)for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc -											
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WBS No: 1CAFNN05  
Activity ID: 1CAFNN500

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1CAF  
Activity Filter \*

Starts In FY \*

Breakdown of Cost Data:  
Item -  
Units -  
Unit Cost -  
Unit Cost Adjustment factor - N/A  
Revised Unit Cost - None  
Basis for adjustment - None

Resources		Cost Element		Skill		Department		Curve	Quantity	Units
		750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K311S	D&D Program	Linear	32.00	Hours
		Factors	32	Hours						

**Line Item 301 - Spprt to RFFO in Mtgs w/CDPHE, EPA & stakhlds**

**BOE** Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J.  
Experience Item Desc -  
Breakdown of Cost Data:  
Item -  
Units -  
Unit Cost -  
Unit Cost Adjustment factor - N/A  
Revised Unit Cost - None  
Basis for adjustment - None

Resources		Cost Element		Skill		Department		Curve	Quantity	Units
		750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K311S	D&D Program	Linear	80.00	Hours
		Factors	80	Hours						
		A5C	SUPPLIES	0000	NONE	K311S	D&D Program	Linear	400.00	Dollars
		Factors	400	Dollars		ODC's 5%				
		A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	8,000.00	Dollars
		Factors	8000	Dollars		80 Hrs				

**Line Item 401 - Maint prog personnel training records & rqmts**

**BOE** Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J.  
Experience Item Desc -  
Breakdown of Cost Data:  
Item -  
Units -  
Unit Cost -  
Unit Cost Adjustment factor - N/A  
Revised Unit Cost - None  
Basis for adjustment - None

Resources		Cost Element		Skill		Department		Curve	Quantity	Units
		A5C	SUPPLIES	0000	NONE	K311S	D&D Program	Linear	0.00	Dollars
		Factors	0	Dollars		ODC's 2%				
		A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	0.00	Dollars
		Factors	0	Dollars		0 Hrs				

**Line Item 501 - Spprt to doc cntl, clerical, report prep com trkg**

**BOE** Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J.  
Experience Item Desc -  
Breakdown of Cost Data:  
Item -  
Units -  
Unit Cost -  
Unit Cost Adjustment factor - N/A  
Revised Unit Cost - None  
Basis for adjustment - None

Resources		Cost Element		Skill		Department		Curve	Quantity	Units
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WBS No: 1CAFNN05  
Activity ID: 1CAFNN500

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1CAF  
Activity Filter \*

A5C	SUPPLIES	0000	NONE	K311S	D&D Program	Linear	600.00	Dollars
Factors	600	Dollars	ODC's 2%					
A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	30.000.00	Dollars
Factors	30000	Dollars	600 Hrs					

Activity ID: 1CAFNN501 Description: FY01 D&D Program - General Support

Cost Risk 1 Schedule Risk 1

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
101	Inteoration spprt to ER, Decom & Matl Steward.	1.00	Each	HC	96	96	5.131	0	0	5.131	2.448	7.579
201	Provide integration support to Decom & ER	1.00	Each	HC	96	96	5.131	0	0	5.131	2.448	7.579
301	Spprt to RFFO in Mtgs w/CDPHE, EPA & stakhlds	1.00	Each	HC	240	240	12.828	25.200	0	38.028	6.119	44.147
401	Maint prog personnel training records & ramts	1.00	Each	HC	0	0	0	94.350	0	94.350	0	94.350
501	Spprt to doc cntl, clerical, report prep com trkg	1.00	Each	HC	0	0	0	94.350	0	94.350	0	94.350
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	13.148	13.148	0	13.148
Total for Activity 1CAFNN501:						432	23.090	213.900	13.148	250.139	11.014	261.153

**Line Item 101 - Integration spprt to ER, Decom & Matl Steward.**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs)for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K311S	D&D Program	Linear	96.00	Hours
	Factors 96 Hours								

**Line Item 201 - Provide integration support to Decom & ER**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs)for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K311S	D&D Program	Linear	96.00	Hours
	Factors	96	Hours						

**Line Item 301 - Spprt to RFFO in Mtgs w/CDPHE, EPA & stakhlds**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs)for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K311S	D&D Program	Linear	240.00	Hours
	Factors	240	Hours						

WBS No: 1CAFNN05  
Activity ID: 1CAFNN501

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1CAF  
Activity Filter \*

Starts In FY \*

A5C	SUPPLIES	0000	NONE	K311S	D&D Program	Linear	1,200.00	Dollars
Factors	1200	ODC's 5%	ODC's 5%					
A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	24,000.00	Dollars
Factors	24000	Dollars	240 Hrs					

**Line Item 401 - Maint prog personnel training records & rqmts**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None							
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	A5C	SUPPLIES	0000	NONE	K311S	D&D Program	Linear	1,850.00	Dollars
	Factors	1850 Dollars	ODC's 2%						
	A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	92,500.00	Dollars
	Factors	92500 Dollars	1850 Hrs						

**Line Item 501 - Spprt to doc cntl, clerical, report prep com trkg**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None							
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	A5C	SUPPLIES	0000	NONE	K311S	D&D Program	Linear	1,850.00	Dollars
	Factors	1850 Dollars	ODC's 2%						
	A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	92,500.00	Dollars
	Factors	92500 Dollars	1850 Hrs						

**Line Item SYS - Contingency And Escalation**

BOE										
Resources	Cost Element			Skill		Department		Curve	Quantity	Units
	CON	CONTINGENCY		0000	NONE	ZDEPT	No Department	Linear	7,933.15	Dollars
	Factors 7933.15 Dollars									
	ESC	ESCALATION		0000	NONE	ZDEPT	No Department	Linear	5,214.98	Dollars
	Factors 5214.98 Dollars									

Activity ID: 1CAFNN502 Description: FY02 D&D Program - General Support

Cost Risk 1 Schedule Risk 1

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
101	Integration spprt to ER, Decom & Matl Steward.	1.00	Each	HC	77	77	4,105	0	0	4,105	1,449	5,554
201	Provide integration support to Decom & ER	1.00	Each	HC	77	77	4,105	0	0	4,105	1,449	5,554
301	Sprt to RFFO in Mtas w/CDPHE, EPA & stakhlds	1.00	Each	HC	192	192	10,262	20,160	0	30,422	3,623	34,045
401	Maint proa personnel training records & ramts	1.00	Each	HC	0	0	0	56,590	0	56,590	0	56,590
501	Sprt to doc cntl, clerical, report prep com trkg	1.00	Each	HC	0	0	0	56,590	0	56,590	0	56,590
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	23,665	23,665	0	23,665
Total for Activity 1CAFNN502:						346	18,472	133,339	23,665	175,476	6,521	181,997

WBS No: 1CAFNN05  
Activity ID: 1CAFNN502

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1CAF  
Activity Filter \*

Starts In FY \*

**Line Item 101 - Integration spprt to ER, Decom & Matl Steward.**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs)for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None					
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Resources		Cost Element	Skill	Department	Curve	Quantity	Units
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K311S	D&D Program	Linear	76.80Hours
Factors	96	Hours					

0.8 Budget Cuts

**Line Item 201 - Provide integration support to Decom & ER**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs)for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None					
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Resources		Cost Element	Skill	Department	Curve	Quantity	Units
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K311S	D&D Program	Linear	76.80Hours
Factors	96	Hours					

0.8 Budget Cuts

**Line Item 301 - Spprt to RFFO in Mtgs w/CDPHE, EPA & stakhlds**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs)for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None					
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Resources		Cost Element	Skill	Department	Curve	Quantity	Units
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K311S	D&D Program	Linear	192.00Hours
Factors	240	Hours					

0.8 Budget Cuts

A5C	SUPPLIES	0000	NONE	K311S	D&D Program	Linear	960.00Dollars
Factors	1200	ODC's 5%	ODC's 5%				

0.8 Budget Cuts

A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	19,200.00Dollars
Factors	24000	Dollars	240 Hrs				

0.8 Budget Cuts

**Line Item 401 - Maint prog personnel training records & rqmts**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs)for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item -					
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WBS No: 1CAFNN05  
Activity ID: 1CAFNN502

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1CAF  
Activity Filter \* Starts In FY \*

Units -  
Unit Cost -  
Unit Cost Adjustment factor - N/A  
Revised Unit Cost - None  
Basis for adjustment - None

**Resources**

Cost Element			Skill		Department		Curve	Quantity	Units
A5C	SUPPLIES		0000	NONE	K311S	D&D Program	Linear	1.109.60	Dollars

Factors 1387 Dollars

ODC's 2%

0.8 Budget Cuts

A5H	SUBCONTRACTED SRVS		0000	NONE	K311S	D&D Program	Linear	55.480.00	Dollars
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Factors 69350 Dollars

1387 Hrs

0.8 Budget Cuts

**Line Item 501 - Spprt.to doc cntl, clerical, report prep com trkg**

**BOE**

Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J.

Experience Item Desc -  
Breakdown of Cost Data:

Item -  
Units -  
Unit Cost -  
Unit Cost Adjustment factor - N/A  
Revised Unit Cost - None  
Basis for adjustment - None

**Resources**

Cost Element			Skill		Department		Curve	Quantity	Units
A5C	SUPPLIES		0000	NONE	K311S	D&D Program	Linear	1.109.60	Dollars

Factors 1387 Dollars

ODC's 2%

0.8 Budget Cuts

A5H	SUBCONTRACTED SRVS		0000	NONE	K311S	D&D Program	Linear	55.480.00	Dollars
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Factors 69350 Dollars

1387 Hrs

0.8 Budget Cuts

**Line Item SYS - Contingency And Escalation**

**BOE**

**Resources**

Cost Element			Skill		Department		Curve	Quantity	Units
CON	CONTINGENCY		0000	NONE	ZDEPT	No Department	Linear	16.265.76	Dollars

Factors 16265.8 Dollars

ESC	ESCALATION		0000	NONE	ZDEPT	No Department	Linear	7.399.09	Dollars
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Factors 7399.09 Dollars

Activity ID: 1CAFNN503

Description: FY03 D&D Program - General Support

Cost Risk 1 Schedule Risk 1

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
101	Integration spprt to ER, Decom & Matl Steward.	1.00	Each	HC	77	77	4,105	0	0	4,105	1,420	5,525
201	Provide integration support to Decom & ER	1.00	Each	HC	77	77	4,105	0	0	4,105	1,420	5,525
301	Spprt to RFFO in Mtas w/CDPHE, EPA & stakhlds	1.00	Each	HC	192	192	10,262	20,160	0	30,422	3,551	33,973
401	Maint prog personnel training records & ramts	1.00	Each	HC	0	0	0	37,740	0	37,740	0	37,740
501	Spprt.to doc cntl, clerical, report prep com trkg	1.00	Each	HC	0	0	0	37,740	0	37,740	0	37,740
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	33,409	33,409	0	33,409
Total for Activity 1CAFNN503:						346	18,472	95,640	33,409	147,522	6,391	153,913

**Line Item 101 - Integration spprt to ER, Decom & Matl Steward.**

**BOE**

Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J.

Experience Item Desc -  
Breakdown of Cost Data:

Item -  
Units -  
Unit Cost -

WBS No: 1CAFNN05  
Activity ID: 1CAFNN503

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1CAF  
Activity Filter \* Starts In FY \*

Unit Cost Adjustment factor - N/A  
Revised Unit Cost - None  
Basis for adjustment - None

Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K311S	D&D Program	Linear	76.80	Hours
Factors		96	Hours						

0.8 Budget Cuts

**Line Item 201 - Provide integration support to Decom & ER**

**BOE** Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J.  
Experience Item Desc -  
Breakdown of Cost Data:  
Item -  
Units -  
Unit Cost -  
Unit Cost Adjustment factor - N/A  
Revised Unit Cost - None  
Basis for adjustment - None

Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K311S	D&D Program	Linear	76.80	Hours
Factors		96	Hours						

0.8 Budget Cuts

**Line Item 301 - Spprt to RFFO in Mtgs w/CDPHE, EPA & stakhlds**

**BOE** Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J.  
Experience Item Desc -  
Breakdown of Cost Data:  
Item -  
Units -  
Unit Cost -  
Unit Cost Adjustment factor - N/A  
Revised Unit Cost - None  
Basis for adjustment - None

Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K311S	D&D Program	Linear	192.00	Hours
Factors		240	Hours						

0.8 Budget Cuts

Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	A5C	SUPPLIES	0000	NONE	K311S	D&D Program	Linear	960.00	Dollars
Factors		1200	ODC's 5%		ODC's 5%				

0.8 Budget Cuts

Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	19.200.00	Dollars
Factors		24000	Dollars		240 Hrs				

0.8 Budget Cuts

**Line Item 401 - Maint prog personnel training records & rqmts**

**BOE** Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J.  
Experience Item Desc -  
Breakdown of Cost Data:  
Item -  
Units -  
Unit Cost -  
Unit Cost Adjustment factor - N/A  
Revised Unit Cost - None  
Basis for adjustment - None

Resources	Cost Element		Skill		Department		Curve	Quantity	Units

WBS No: 1CAFNN05  
Activity ID: 1CAFNN503

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1CAF  
Activity Filter \*

Starts In FY \*

A5C	SUPPLIES	0000	NONE	K311S	D&D Program	Linear	740.00	Dollars
Factors	925 Dollars	ODC's 2%		0.8	Budget Cuts			

A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	37.000.00	Dollars
Factors	46250 Dollars	925 Hrs		0.8	Budget Cuts			

**Line Item 501 - Spprt to doc cntl, clerical, report prep com trkg**

**BOE**  
Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J.  
Experience Item Desc -  
Breakdown of Cost Data:  
Item -  
Units -  
Unit Cost -  
Unit Cost Adjustment factor - N/A  
Revised Unit Cost - None  
Basis for adjustment - None

Resources	Cost Element			Skill		Department		Curve	Quantity	Units
	A5C	SUPPLIES		0000	NONE	K311S	D&D Program	Linear	740.00	Dollars
Factors	925	Dollars	ODC's 2%			0.8	Budget Cuts			
	A5H	SUBCONTRACTED SRVS		0000	NONE	K311S	D&D Program	Linear	37,000.00	Dollars
Factors	46250	Dollars	925 Hrs			0.8	Budget Cuts			

**Line Item SYS - Contingency And Escalation**

BOE										
Resources	Cost Element			Skill		Department		Curve	Quantity	Units
	CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	24,168.41	Dollars	
	Factors 24168.4 Dollars									
	ESC	ESCALATION	0000	NONE	ZDEPT	No Department	Linear	9,240.86	Dollars	
	Factors 9240.86 Dollars									

Activity ID: 1CAFNN504 Description: FY04 D&D Program - General Support

Cost Risk 1 Schedule Risk 1

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
101	Integration spprt to ER, Decom & Matl Steward.	1.00	Each	HC	77	77	4.105	0	0	4.105	1.158	5.263
201	Provide integration support to Decom & ER	1.00	Each	HC	77	77	4.105	0	0	4.105	1.158	5.263
301	Spprt to RFFO in Mtgs w/CDPHE, EPA & stakhllds	1.00	Each	HC	192	192	10.262	20.160	0	30.422	2.894	33.316
401	Maint proc personnel training records & rmts	1.00	Each	HC	0	0	0	18.768	0	18.768	0	18.768
501	Spprt to doc cntl, clerical, report prep com trkg	1.00	Each	HC	0	0	0	18.768	0	18.768	0	18.768
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	11.620	11.620	0	11.620
Total for Activity 1CAFNN504:						346	18.472	57.696	11.620	87.788	5.209	92.997

**Line Item 101 - Integration spprt to ER, Decom & Matl Steward.**

**BOE**  
Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J.  
Experience Item Desc -  
Breakdown of Cost Data:  
Item -  
Units -  
Unit Cost -  
Unit Cost Adjustment factor - N/A  
Revised Unit Cost - None  
Basis for adjustment - None

<b>Resources</b>	<i>Cost Element</i>	<i>Skill</i>	<i>Department</i>	<i>Curve</i>	<i>Quantity</i>	<i>Units</i>
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WBS No: 1CAFNN05  
Activity ID: 1CAFNN504

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1CAF  
Activity Filter \*

Starts In FY \*

750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K311S	D&D Program	Linear	76.80	Hours
Factors	96	Hours						

0.8 Budget Cuts

**Line Item 201 - Provide integration support to Decom & ER**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None							
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K311S	D&D Program	Linear	76.80	Hours
	Factors	96	Hours						

0.8 Budget Cuts

**Line Item 301 - Spprt to RFFO in Mtgs w/CDPHE, EPA & stakhlds**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None							
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K311S	D&D Program	Linear	192.00	Hours
	Factors	240	Hours						

0.8 Budget Cuts

A5C	SUPPLIES	0000	NONE	K311S	D&D Program	Linear	960.00	Dollars
Factors	1200	ODC's 5%	ODC's 5%					

0.8 Budget Cuts

A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	19,200.00	Dollars
Factors	24000	Dollars	240 Hrs					

0.8 Budget Cuts

**Line Item 401 - Maint prog personnel training records & rqmts**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None							
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	A5C	SUPPLIES	0000	NONE	K311S	D&D Program	Linear	368.00	Dollars
	Factors	460	Dollars	ODC's 2%					

0.8 Budget Cuts



WBS No: 1CAFNN05  
Activity ID: 1CAFNN504

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1CAF  
Activity Filter \*

A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	18,400.00	Dollars
Factors	23000 Dollars	460 Hrs						

0.8 Budget Cuts

**Line Item 501 - Spprt to doc cntl, clerical, report prep com trkg**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None							
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	A5C	SUPPLIES	0000	NONE	K311S	D&D Program	Linear	368.00	Dollars
	Factors	460 Dollars	ODC's 2%						

0.8 Budget Cuts

A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	18,400.00	Dollars
Factors	23000 Dollars	460 Hrs						

0.8 Budget Cuts

**Line Item SYS - Contingency And Escalation**

BOE										
Resources	Cost Element			Skill		Department		Curve	Quantity	Units
	CON	CONTINGENCY		0000	NONE	ZDEPT	No Department	Linear	3.806.11	Dollars
	Factors		3806.11 Dollars							
	ESC	ESCALATION		0000	NONE	ZDEPT	No Department	Linear	7.813.57	Dollars
	Factors		7813.57 Dollars							

Activity ID: 1CAFNN505 Description: FY05 D&D Program - General Support

Cost Risk 1 Schedule Risk 1

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
101	Integration spprt to ER, Decom & Matl Steward.	1.00	Each	HC	96	96	5,131	0	0	5,131	1,786	6,917
201	Provide integration support to Decom & ER	1.00	Each	HC	96	96	5,131	0	0	5,131	1,786	6,917
301	Sprt to RFFO in Mtas w/CDPHE, EPA & stakhlds	1.00	Each	HC	240	240	12,828	25,200	0	38,028	4,464	42,492
401	Maint proa personnel training records & ramts	1.00	Each	HC	0	0	0	23,460	0	23,460	0	23,460
501	Sprt to doc cntl, clerical, report prep com trkg	1.00	Each	HC	0	0	0	23,460	0	23,460	0	23,460
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	55,229	55,229	0	55,229
Total for Activity 1CAFNN505:						432	23,090	72,120	55,229	150,440	8,035	158,475

**Line Item 101 - Integration spprt to ER, Decom & Matl Steward.**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None							
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K311S	D&D Program	Linear	96.00	Hours
	Factors	96 Hours							

**Line Item 201 - Provide integration support to Decom & ER**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J.							
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WBS No: 1CAFNN05  
Activity ID: 1CAFNN505

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1CAF  
Activity Filter \*

Starts In FY \*

all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J.  
Experience Item Desc -  
Breakdown of Cost Data:  
Item -  
Units -  
Unit Cost -  
Unit Cost Adjustment factor - N/A  
Revised Unit Cost - None  
Basis for adjustment - None

Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K311S	D&D Program	Linear	96.00	Hours
	Factors 96 Hours								

**Line Item 301 - Spprt to RFFO in Mtgs w/CDPHE, EPA & stakhlds**

**BOE**  
Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J.  
Experience Item Desc -  
Breakdown of Cost Data:  
Item -  
Units -  
Unit Cost -  
Unit Cost Adjustment factor - N/A  
Revised Unit Cost - None  
Basis for adjustment - None

Resources	Cost Element			Skill		Department		Curve	Quantity	Units	
	750	STRAIGHT TIME BASE		M020	MANAGERS (GRADE 69 - 72)		K311S	D&D Program	Linear	240.00	Hours
	Factors	240	Hours								
	A5C	SUPPLIES		0000	NONE		K311S	D&D Program	Linear	1,200.00	Dollars
	Factors	1200	ODC's 5%		ODC's 5%						
	A5H	SUBCONTRACTED SRVS		0000	NONE		K311S	D&D Program	Linear	24,000.00	Dollars
	Factors	24000	Dollars		240 Hrs						

**Line Item 401 - Maint prog personnel training records & rqmts**

**BOE**  
Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J.  
Experience Item Desc -  
Breakdown of Cost Data:  
Item -  
Units -  
Unit Cost -  
Unit Cost Adjustment factor - N/A  
Revised Unit Cost - None  
Basis for adjustment - None

Resources	Cost Element			Skill		Department		Curve	Quantity	Units
	A5C	SUPPLIES		0000	NONE	K311S	D&D Program	Linear	460.00	Dollars
	Factors	460	Dollars	ODC's 2%						
	A5H	SUBCONTRACTED SRVS		0000	NONE	K311S	D&D Program	Linear	23,000.00	Dollars
	Factors	23000	Dollars	460 Hrs						

**Line Item 501 - Spprt to doc cntl, clerical, report prep com trkg**

**BOE**  
Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J.  
Experience Item Desc -  
Breakdown of Cost Data:  
Item -  
Units -  
Unit Cost -  
Unit Cost Adjustment factor - N/A  
Revised Unit Cost - None  
Basis for adjustment - None

WBS No: 1CAFNN05  
Activity ID: 1CAFNN505

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1CAF  
Activity Filter \*

Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	A5C	SUPPLIES	0000	NONE	K311S	D&D Program	Linear	460.00	Dollars
Factors 460 Dollars ODC's 2%									
Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	23.000.00	Dollars
Factors 23000 Dollars 460 Hrs									

**Line Item SYS - Contingency And Escalation**

Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	39.234.74	Dollars
Factors 39234.7 Dollars									
Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	ESC	ESCALATION	0000	NONE	ZDEPT	No Department	Linear	15.994.38	Dollars
Factors 15994.4 Dollars									

Activity ID: 1CXXXFN55 Description: FY06 D&D Program - General Support

Cost Risk 1 Schedule Risk 1

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
101	Integration spprt to ER. Decom & Matl Steward.	0.96	Each	HC	96	93	4.951	0	0	4.951	1.723	6.674
201	Provide integration support to Decom & ER	0.96	Each	HC	96	93	4.951	0	0	4.951	1.723	6.674
301	Spprt to RFFO in Mtgs w/CDPHE. EPA & stakhllds	0.96	Each	HC	240	232	12.378	24.316	0	36.694	4.308	41.001
401	Maint proa personnel training records & ramts	0.96	Each	HC	0	0	0	22.637	0	22.637	0	22.637
501	Spprt to doc cntl. clerical. report prep com trka	0.96	Each	HC	0	0	0	22.637	0	22.637	0	22.637
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	84.565	84.565	0	84.565
Total for Activity 1CXXXFN55:						417	22.280	69.589	84.565	176.435	7.754	184.189

**Line Item 101 - Integration spprt to ER, Decom & Matl Steward.**

**BOE**  
Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs)for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J.  
Experience Item Desc -  
Breakdown of Cost Data:  
Item -  
Units -  
Unit Cost -  
Unit Cost Adjustment factor - N/A  
Revised Unit Cost - None  
Basis for adjustment - None

Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K311S	D&D Program	Linear	96.00	Hours
Factors 96 Hours									

**Line Item 201 - Provide integration support to Decom & ER**

**BOE**  
Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs)for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J.  
Experience Item Desc -  
Breakdown of Cost Data:  
Item -  
Units -  
Unit Cost -  
Unit Cost Adjustment factor - N/A  
Revised Unit Cost - None  
Basis for adjustment - None

Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K311S	D&D Program	Linear	96.00	Hours
Factors 96 Hours									

**Line Item 301 - Spprt to RFFO in Mtgs w/CDPHE, EPA & stakhllds**

**BOE**  
Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs)for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J.  
Experience Item Desc -  
Breakdown of Cost Data:

WBS No: 1CAFNN05  
Activity ID: 1CXXXFN55

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1CAF  
Activity Filter \*

Starts In FY \*

Item -  
Units -  
Unit Cost -  
Unit Cost Adjustment factor - N/A  
Revised Unit Cost - None  
Basis for adjustment - None

**Resources**

Cost Element		Skill		Department		Curve	Quantity	Units
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K311S	D&D Program	Linear	240.00	Hours
Factors 240 Hours								
A5C	SUPPLIES	0000	NONE	K311S	D&D Program	Linear	1,200.00	Dollars
Factors 1200 ODC's 5%		ODC's 5%						
A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	24,000.00	Dollars
Factors 24000 Dollars		240 Hrs						

**Line Item 401 - Maint prog personnel training records & rqmts**

**BOE**

Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J.  
Experience Item Desc -  
Breakdown of Cost Data:  
Item -  
Units -  
Unit Cost -  
Unit Cost Adjustment factor - N/A  
Revised Unit Cost - None  
Basis for adjustment - None

**Resources**

Cost Element		Skill		Department		Curve	Quantity	Units
A5C	SUPPLIES	0000	NONE	K311S	D&D Program	Linear	460.00	Dollars
Factors 460 Dollars		ODC's 2%						
A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	23,000.00	Dollars
Factors 23000 Dollars		460 Hrs						

**Line Item 501 - Spprt to doc cntl, clerical, report prep com trkg**

**BOE**

Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J.  
Experience Item Desc -  
Breakdown of Cost Data:  
Item -  
Units -  
Unit Cost -  
Unit Cost Adjustment factor - N/A  
Revised Unit Cost - None  
Basis for adjustment - None

**Resources**

Cost Element		Skill		Department		Curve	Quantity	Units
A5C	SUPPLIES	0000	NONE	K311S	D&D Program	Linear	460.00	Dollars
Factors 460 Dollars		ODC's 2%						
A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	23,000.00	Dollars
Factors 23000 Dollars		460 Hrs						

**Line Item SYS - Contingency And Escalation**

**BOE**

**Resources**

Cost Element		Skill		Department		Curve	Quantity	Units
CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	62,344.36	Dollars
Factors 62344.4 Dollars								
ESC	ESCALATION	0000	NONE	ZDEPT	No Department	Linear	22,220.97	Dollars
Factors 22221 Dollars								

WBS No: 1CAFNN06 Title: Special Projects

Activity ID: 1CAFNN600 Description: FY00 D&D Program - Special Projects

Cost Risk 1 Schedule Risk 1

Line Item	Description	Quantity	Units	BOE	Labor	Labor Hours	Labor Cost	Materials/ Sub	Contingency	Total Prime	Burden Cost	Total Cost
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WBS No: 1CAFNN06  
Activity ID: 1CAFNN600

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1CAF

			Type	Hours/Unit	Total	Total	Activity Filter Cost	* & Escalation	Cost	Starts In FY	*
101	Analyze samples at Stanford accelerator	1.00	Each	HC	0	0	0	0	0	0	0
102	Prepare Actinide Migration Report	1.00	Each	HC	200	200	10.690	0	0	10.690	5.217
201	Perform internal assessments of D&D activities	1.00	Each	HC	200	200	10.690	35.305	0	45.995	5.217
Total for Activity 1CAFNN600:						400	21.380	35.305	0	56.685	10.433
										67.118	

**Line Item 101 - Analyze samples at Stanford accelerator**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None
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Resources	Cost Element	Skill	Department	Curve	Quantity	Units
750	STRAIGHT TIME BASE	M020 MANAGERS (GRADE 69 - 72)	K311S D&D Program	Linear	0.00	Hours
Factors	0	Hours				
A5H	SUBCONTRACTED SRVS	0000 NONE	K311S D&D Program	Linear	0.00	Dollars
Factors	0	Dollars				
A5M	TRAVEL/TRAIN/RELOCAT	0000 NONE	K311S D&D Program	Linear	0.00	Dollars
Factors	0	Dollars	Travel			

**Line Item 102 - Prepare Actinide Migration Report**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None
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Resources	Cost Element	Skill	Department	Curve	Quantity	Units
750	STRAIGHT TIME BASE	M020 MANAGERS (GRADE 69 - 72)	K311S D&D Program	Linear	200.00	Hours
Factors	200	Hours				

**Line Item 201 - Perform internal assessments of D&D activities**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None
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Resources	Cost Element	Skill	Department	Curve	Quantity	Units
750	STRAIGHT TIME BASE	M020 MANAGERS (GRADE 69 - 72)	K311S D&D Program	Linear	200.00	Hours
Factors	200	Hours				
A5C	SUPPLIES	0000 NONE	K311S D&D Program	Linear	3.205.00	Dollars
Factors	3205	Dollars	ODC's 5%			
A5H	SUBCONTRACTED SRVS	0000 NONE	K311S D&D Program	Linear	32.100.00	Dollars
Factors	32100	Dollars	300 Hrs			

Activity ID: 1CAFNN601 Description: FY01 D&D Program - Special Projects

Cost Risk 1 Schedule Risk 1

WBS No: 1CAFNN06  
Activity ID: 1CAFNN601

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1CAF  
Activity Filter \*

Starts In FY \*

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
101	Analyze samples at Stanford accelerator	1.00	Each	HC	100	100	5,345	102,000	0	107,345	2,550	109,895
102	Prepare Actinide Migration Report	1.00	Each	HC	200	200	10,690	0	0	10,690	5,099	15,789
201	Perform internal assessments of D&D activities	1.00	Each	HC	540	540	28,863	206,724	0	235,587	13,768	249,355
401	Prepare strategy or study documents	1.00	Each	HC	360	360	19,242	375,000	0	394,242	9,178	403,420
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	41,271	41,271	0	41,271
Total for Activity 1CAFNN601:						1,200	64,140	683,724	41,271	789,135	30,595	819,729

**Line Item 101 - Analyze samples at Stanford accelerator**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None											
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Resources		Cost Element	Skill	Department		Curve	Quantity	Units
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K311S	D&D Program	Linear	100.00	Hours
Factors	100	Hours						
A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	100,000.00	Dollars
Factors	100000	Dollars						
A5M	TRAVEL/TRAIN/RELOCAT	0000	NONE	K311S	D&D Program	Linear	2,000.00	Dollars
Factors	2000	Dollars	Travel					

**Line Item 102 - Prepare Actinide Migration Report**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None											
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Resources		Cost Element	Skill	Department		Curve	Quantity	Units
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K311S	D&D Program	Linear	200.00	Hours
Factors	200	Hours						

**Line Item 201 - Perform internal assessments of D&D activities**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None											
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Resources		Cost Element	Skill	Department		Curve	Quantity	Units
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K311S	D&D Program	Linear	540.00	Hours
Factors	540	Hours						
A5C	SUPPLIES	0000	NONE	K311S	D&D Program	Linear	9,844.00	Dollars
Factors	9844	Dollars	ODC's 5%					

WBS No: 1CAFNN06  
Activity ID: 1CAFNN601

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1CAF  
Activity Filter \*

A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	98.440.00	Dollars
Factors	98440	Dollars	920 Hrs					
A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	98.440.00	Dollars
Factors	98440	Dollars	920 Hrs					

**Line Item 401 - Prepare strategy or study documents**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None							
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K311S	D&D Program	Linear	360.00	Hours
	Factors	360	Hours						
	A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	375.000.00	Dollars
	Factors	375000	Dollars						

**Line Item SYS - Contingency And Escalation**

BOE										
Resources	Cost Element			Skill		Department		Curve	Quantity	Units
	CON	CONTINGENCY		0000	NONE	ZDEPT	No Department	Linear	24.901.28	Dollars
	Factors 24901.3 Dollars									
	ESC	ESCALATION		0000	NONE	ZDEPT	No Department	Linear	16.369.25	Dollars
	Factors 16369.3 Dollars									

Activity ID: 1CAFNN602 Description: FY02 D&D Program - Special Projects

Cost Risk 1 Schedule Risk 1

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
201	Perform internal assessments of D&D activities	1.00	Each	HC	432	432	23.090	165.379	0	188.470	8.151	196.621
401	Prepare strategy or study documents	1.00	Each	HC	224	224	11.973	240.000	0	251.973	4.226	256.199
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	67.680	67.680	0	67.680
Total for Activity 1CAFNN602:						656	35.063	405.379	67.680	508.122	12.377	520.500

**Line Item 201 - Perform internal assessments of D&D activities**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None							
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Resources											
	<i>Cost Element</i>			<i>Skill</i>		<i>Department</i>		<i>Curve</i>	<i>Quantity</i>	<i>Units</i>	
	750	STRAIGHT TIME BASE		M020	MANAGERS (GRADE 69 - 72)		K311S	D&D Program	Linear	432.00	Hours
	<i>Factors</i>	540	Hours								
							0.8	Budget Cuts			
	A5C	SUPPLIES		0000	NONE		K311S	D&D Program	Linear	7.875.20	Dollars
<i>Factors</i>	9844	Dollars		ODC's 5%				0.8	Budget Cuts		

WBS No: 1CAFNN06  
Activity ID: 1CAFNN602

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1CAF  
Activity Filter \*

Starts In FY \*

A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	78.752.00	Dollars
Factors	98440	Dollars	920 Hrs					

0.8 Budget Cuts

A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	78.752.00	Dollars
Factors	98440	Dollars	920 Hrs					

0.8 Budget Cuts

**Line Item 401 - Prepare strategy or study documents**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None							
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Resources	Cost Element	Skill	Department	Curve	Quantity	Units
750	STRAIGHT TIME BASE	M020 MANAGERS (GRADE 69 - 72)	K311S D&D Program	Linear	224.00	Hours
Factors	280	Hours				

0.8 Budget Cuts

A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	240.000.00	Dollars
Factors	300000	Dollars						

0.8 Budget Cuts

**Line Item SYS - Contingency And Escalation**

BOE										
Resources	<i>Cost Element</i>			<i>Skill</i>		<i>Department</i>		<i>Curve</i>	<i>Quantity</i>	<i>Units</i>
	CON	CONTINGENCY		0000	NONE	ZDEPT	No Department	Linear	46.519.00	Dollars
	<i>Factors</i>		46519							
	ESC	ESCALATION		0000	NONE	ZDEPT	No Department	Linear	21.160.92	Dollars
	<i>Factors</i>		21160.9							

Activity ID: 1CAFNN603 Description: FY03 D&D Program - Special Projects

Cost Risk 1 Schedule Risk 1

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
201	Perform internal assessments of D&D activities	1.00	Each	HC	432	432	23.090	165.379	0	188.470	7.989	196.459
401	Prepare strategy or study documents	1.00	Each	HC	160	160	8.552	180.000	0	188.552	2.959	191.511
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	107.563	107.563	0	107.563
Total for Activity 1CAFNN603:						592	31.642	345.379	107.563	484.585	10.948	495.533

**Line Item 201 - Perform internal assessments of D&D activities**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None							
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Resources	Cost Element	Skill	Department	Curve	Quantity	Units
750	STRAIGHT TIME BASE	M020 MANAGERS (GRADE 69 - 72)	K311S D&D Program	Linear	432.00	Hours
Factors	540	Hours				

0.8 Budget Cuts



WBS No: 1CAFNN06  
Activity ID: 1CAFNN603

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1CAF  
Activity Filter \*

Starts In FY \*

A5C	SUPPLIES	0000	NONE	K311S	D&D Program	Linear	7.875.20	Dollars
Factors	9844	Dollars	ODC's 5%					
				0.8	Budget Cuts			
A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	78.752.00	Dollars
Factors	98440	Dollars	920 Hrs					
				0.8	Budget Cuts			
A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	78.752.00	Dollars
Factors	98440	Dollars	920 Hrs					
				0.8	Budget Cuts			

**Line Item 401 - Prepare strategy or study documents**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs)for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None							
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K311S	D&D Program	Linear	160.00	Hours
	Factors	200	Hours						
					0.8	Budget Cuts			
	A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	180.000.00	Dollars
	Factors	225000	Dollars						
				0.8	Budget Cuts				

**Line Item SYS - Contingency And Escalation**

BOE										
Resources	Cost Element			Skill		Department		Curve	Quantity	Units
	CON	CONTINGENCY		0000	NONE	ZDEPT	No Department	Linear	77.811.81	Dollars
	Factors 77811.8 Dollars									
	ESC	ESCALATION		0000	NONE	ZDEPT	No Department	Linear	29.751.57	Dollars
	Factors 29751.6 Dollars									

Activity ID: 1CAFNN604 Description: FY04 D&D Program - Special Projects

Cost Risk 1 Schedule Risk 1

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
201	Perform internal assessments of D&D activities	1.00	Each	HC	432	432	23.090	165.379	0	188.470	6.511	194.981
401	Prepare strategy or study documents	1.00	Each	HC	112	112	5.986	120.000	0	125.986	1.688	127.675
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	46.071	46.071	0	46.071
Total for Activity 1CAFNN604:						544	29.077	285.379	46.071	360.527	8.200	368.727

**Line Item 201 - Perform internal assessments of D&D activities**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs)for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None							
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Resources	Cost Element	Skill	Department	Curve	Quantity	Units
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WBS No: 1CAFNN06  
Activity ID: 1CAFNN604

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1CAF  
Activity Filter \*

Starts In FY \*

750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K311S	D&D Program	Linear	432.00	Hours
Factors	540	Hours						

A5C	SUPPLIES	0000	NONE	K311S	D&D Program	Linear	7.875.20	Dollars
Factors	9844	Dollars	ODC's 5%					

A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	78.752.00	Dollars
Factors	98440	Dollars	920 Hrs					

A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	78.752.00	Dollars
Factors	98440	Dollars	920 Hrs					

0.8 Budget Cuts

**Line Item 401 - Prepare strategy or study documents**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None							
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K311S	D&D Program	Linear	112.00	Hours
	Factors	140	Hours						

A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	120.000.00	Dollars
Factors	150000	Dollars						

0.8 Budget Cuts

**Line Item SYS - Contingency And Escalation**

BOE										
Resources	Cost Element			Skill		Department		Curve	Quantity	Units
	CON	CONTINGENCY		0000	NONE	ZDEPT	No Department	Linear	15.090.94	Dollars
	Factors 15090.9 Dollars									
	ESC	ESCALATION		0000	NONE	ZDEPT	No Department	Linear	30.980.19	Dollars
	Factors 30980.2 Dollars									

WBS No: 1CAFTD01 Title: Technical Deployment Planning

Activity ID: 1CAFTD100 Description: FY00 Technical Development - Planning Cost Risk 1 Schedule Risk 1

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
A01	Steering Committee Meetings	1.00	Each	HC	240	240	12.828	0	0	12.828	6.260	19.088
A02	Subject Matter Expert Support	1.00	Each	HC	0	0	0	23.000	0	23.000	0	23.000
A03	Admin Support	1.00	Each	HC	0	0	0	3.000	0	3.000	0	3.000
B01	Perform Technology Evaluations	1.00	Each	HC	170	170	7.244	14.000	0	21.244	3.535	24.779
B02	Admin Support	1.00	Each	HC	0	0	0	3.000	0	3.000	0	3.000
C01	Cost and Strategy Evaluations	1.00	Each	HC	120	120	5.113	7.000	0	12.113	2.495	14.608
C02	Admin Support	1.00	Each	HC	0	0	0	3.000	0	3.000	0	3.000
D01	Develop and Write Deployment Proposals	1.00	Each	HC	100	100	4.261	6.000	0	10.261	2.079	12.340
D02	Admin Support	1.00	Each	HC	0	0	0	1.000	0	1.000	0	1.000
Total for Activity 1CAFTD100:						630	29.446	60.000	0	89.446	14.370	103.816

**Line Item A01 - Steering Committee Meetings**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for							
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WBS No: 1CAFTD01  
Activity ID: 1CAFTD100

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1CAF  
Activity Filter \* Starts In FY \*

all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J.  
Experience Item Desc -  
Breakdown of Cost Data:  
Item -  
Units -  
Unit Cost -  
Unit Cost Adjustment factor - N/A  
Revised Unit Cost - None  
Basis for adjustment - None

Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K311S	D&D Program	Linear	240.00	Hours
	Factors 240 Hours								

**Line Item A02 - Subject Matter Expert Support**

**BOE** Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J.  
Experience Item Desc -  
Breakdown of Cost Data:  
Item -  
Units -  
Unit Cost -  
Unit Cost Adjustment factor - N/A  
Revised Unit Cost - None  
Basis for adjustment - None

Resources	Cost Element			Skill		Department		Curve	Quantity	Units
	A5H	SUBCONTRACTED SRVS		0000	NONE	K311S	D&D Program	Linear	18,000.00	Dollars
	Factors 18000 Dollars									
	A5M	TRAVEL/TRAIN/RELOCAT		0000	NONE	K311S	D&D Program	Linear	5,000.00	Dollars
	Factors 5000 Dollars									

**Line Item A03 - Admin Support**

**BOE** Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J.  
Experience Item Desc -  
Breakdown of Cost Data:  
Item -  
Units -  
Unit Cost -  
Unit Cost Adjustment factor - N/A  
Revised Unit Cost - None  
Basis for adjustment - None

Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	3,000.00	Dollars
	Factors      3000      Dollars								

**Line Item B01 - Perform Technology Evaluations**

**BOE** Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J.  
Experience Item Desc -  
Breakdown of Cost Data:  
Item -  
Units -  
Unit Cost -  
Unit Cost Adjustment factor - N/A  
Revised Unit Cost - None  
Basis for adjustment - None

Resources	Cost Element			Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE		M030	MANAGEMENT INTEGRATORS (GR	K311S	D&D Program	Linear	170.00	Hours
	Factors 170 Hours									

WBS No: 1CAFTD01  
Activity ID: 1CAFTD100

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project  
WBS Filter  
Activity Filter  
Baseline Devl  
1CAF  
\*

Starts In FY \*

A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	9.000.00	Dollars
Factors 9000 Dollars								
A5M	TRAVEL/TRAIN/RELOCAT	0000	NONE	K311S	D&D Program	Linear	5.000.00	Dollars
Factors 5000 Dollars								

**Line Item B02 - Admin Support**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs)for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None							
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Resources	Cost Element			Skill		Department		Curve	Quantity	Units
	A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	3.000.00	Dollars	
Factors 3000 Dollars										

**Line Item C01 - Cost and Strategy Evaluations**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs)for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None							
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Resources	Cost Element			Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	M030	MANAGEMENT INTEGRATORS (GR	K311S	D&D Program	Linear	120.00	Hours	
Factors 120 Hours										
Resources	A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	7.000.00	Dollars	
	Factors 7000 Dollars									

**Line Item C02 - Admin Support**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs)for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None							
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Resources	Cost Element			Skill		Department		Curve	Quantity	Units
	A5M	TRAVEL/TRAIN/RELOCAT	0000	NONE	K311S	D&D Program	Linear	3.000.00	Dollars	
Factors 3000 Dollars										

**Line Item D01 - Develop and Write Deployment Proposals**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs)for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None							
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WBS No: 1CAFTD01  
Activity ID: 1CAFTD100

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1CAF  
Activity Filter \* Starts In FY \*

Basis for adjustment - None

Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	M030	MANAGEMENT INTEGRATORS (GR	K311S	D&D Program	Linear	100.00	Hours
Factors 100 Hours									
Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	6.000.00	Dollars
Factors 6000 Dollars									

**Line Item D02 - Admin Support**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs)for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None											
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	A5M	TRAVEL/TRAIN/RELOCAT	0000	NONE	K311S	D&D Program	Linear	1.000.00	Dollars
Factors 1000 Dollars									

Activity ID: 1CAFTD101 Description: FY01 Technical Development - Planning

Cost Risk 1 Schedule Risk 1

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
A01	Steering Committee Meetings	1.00	Each	HC	720	720	38.484	0	0	38.484	18.357	56.841
A02	Subject Matter Expert Support	1.00	Each	HC	0	0	0	46.000	0	46.000	0	46.000
A03	Admin Support	1.00	Each	HC	0	0	0	8.000	0	8.000	0	8.000
B01	Perform Technology Evaluations	1.00	Each	HC	720	720	30.679	57.000	0	87.679	14.634	102.313
B02	Admin Support	1.00	Each	HC	0	0	0	8.000	0	8.000	0	8.000
C01	Cost and Strategy Evaluations	1.00	Each	HC	610	610	25.992	44.000	0	69.992	12.398	82.390
C02	Admin Support	1.00	Each	HC	0	0	0	8.000	0	8.000	0	8.000
D01	Develop and Write Deployment Proposals	1.00	Each	HC	340	340	14.487	22.000	0	36.487	6.910	43.398
D02	Admin Support	1.00	Each	HC	0	0	0	4.000	0	4.000	0	4.000
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	19.030	19.030	0	19.030
Total for Activity 1CAFTD101:						2.390	109.643	197.000	19.030	325.672	52.300	377.972

**Line Item A01 - Steering Committee Meetings**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs)for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None											
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K311S	D&D Program	Linear	720.00	Hours
Factors 720 Hours									

**Line Item A02 - Subject Matter Expert Support**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs)for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units -											
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WBS No: 1CAFTD01  
Activity ID: 1CAFTD101

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1CAF  
Activity Filter \* Starts In FY \*

Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None						
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Resources	Cost Element			Skill		Department		Curve	Quantity	Units
	A5H	SUBCONTRACTED SRVS		0000	NONE	K311S	D&D Program	Linear	30.000.00	Dollars
	Factors 30000 Dollars									
	A5M	TRAVEL/TRAIN/RELOCAT		0000	NONE	K311S	D&D Program	Linear	16.000.00	Dollars
	Factors 16000 Dollars									

**Line Item A03 - Admin Support**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs)for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None									
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	8.000.00	Dollars
	Factors 8000 Dollars								

**Line Item B01 - Perform Technology Evaluations**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs)for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None									
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	M030	MANAGEMENT INTEGRATORS (GR	K311S	D&D Program	Linear	720.00	Hours
	Factors 720 Hours								
	A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	41.000.00	Dollars
	Factors 41000 Dollars								
	A5M	TRAVEL/TRAIN/RELOCAT	0000	NONE	K311S	D&D Program	Linear	16.000.00	Dollars
	Factors 16000 Dollars								

**Line Item B02 - Admin Support**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs)for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None									
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	8.000.00	Dollars
	Factors 8000 Dollars								

WBS No: 1CAFTD01  
Activity ID: 1CAFTD101

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1CAF  
Activity Filter \*

Starts In FY \*

**Line Item C01 - Cost and Strategy Evaluations**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs)for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None					
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	M030	MANAGEMENT INTEGRATORS (GR	K311S	D&D Program	Linear	610.00	Hours
	Factors	610	Hours						
	A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	44,000.00	Dollars
	Factors	44000	Dollars						

**Line Item C02 - Admin Support**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs)for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None					
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	A5M	TRAVEL/TRAIN/RELOCAT	0000	NONE	K311S	D&D Program	Linear	8,000.00	Dollars
	Factors	8000 Dollars							

**Line Item D01 - Develop and Write Deployment Proposals**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs)for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None					
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	M030	MANAGEMENT INTEGRATORS (GR	K311S	D&D Program	Linear	340.00	Hours
	Factors 340 Hours								
	A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	22,000.00	Dollars
	Factors 22000 Dollars								

**Line Item D02 - Admin Support**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs)for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None					
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WBS No: 1CAFTD01  
Activity ID: 1CAFTD101

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1CAF  
Activity Filter \*

Resources	Cost Element	Skill	Department	Curve	Quantity	Units
A5M	TRAVEL/TRAIN/RELOCAT	0000 NONE	K311S D&D Program	Linear	4.000.00	Dollars

Factors 4000 Dollars

**Line Item SYS - Contingency And Escalation**

**BOE**

Resources	Cost Element	Skill	Department	Curve	Quantity	Units
CON	CONTINGENCY	0000 NONE	ZDEPT No Department	Linear	11.481.82	Dollars

Factors 11481.8 Dollars

ESC	ESCALATION	0000 NONE	ZDEPT No Department	Linear	7.547.75	Dollars
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Factors 7547.75 Dollars

Activity ID: 1CAFTD102 Description: FY02 Technical Development - Planning

Cost Risk 1 Schedule Risk 1

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
A01	Steering Committee Meetings	1.00	Each	HC	576	576	30.787	0	0	30.787	10.868	41.655
A02	Subject Matter Expert Support	1.00	Each	HC	0	0	0	36.800	0	36.800	0	36.800
A03	Admin Support	1.00	Each	HC	0	0	0	6.400	0	6.400	0	6.400
B01	Perform Technology Evaluations	1.00	Each	HC	576	576	24.543	45.600	0	70.143	8.664	78.807
B02	Admin Support	1.00	Each	HC	0	0	0	6.400	0	6.400	0	6.400
C01	Cost and Strategy Evaluations	1.00	Each	HC	488	488	20.794	35.200	0	55.994	7.340	63.334
C02	Admin Support	1.00	Each	HC	0	0	0	6.400	0	6.400	0	6.400
D01	Develop and Write Deployment Proposals	1.00	Each	HC	272	272	11.590	17.600	0	29.190	4.091	33.281
D02	Admin Support	1.00	Each	HC	0	0	0	3.200	0	3.200	0	3.200
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	41.293	41.293	0	41.293
Total for Activity 1CAFTD102:						1.912	87.714	157.600	41.293	286.607	30.963	317.571

**Line Item A01 - Steering Committee Meetings**

**BOE**

Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J.  
Experience Item Desc -  
Breakdown of Cost Data:  
Item -  
Units -  
Unit Cost -  
Unit Cost Adjustment factor - N/A  
Revised Unit Cost - None  
Basis for adjustment - None

Resources	Cost Element	Skill	Department	Curve	Quantity	Units
750	STRAIGHT TIME BASE	M020 MANAGERS (GRADE 69 - 72)	K311S D&D Program	Linear	576.00	Hours

Factors 720 Hours

0.8 Budget Cuts

**Line Item A02 - Subject Matter Expert Support**

**BOE**

Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J.  
Experience Item Desc -  
Breakdown of Cost Data:  
Item -  
Units -  
Unit Cost -  
Unit Cost Adjustment factor - N/A  
Revised Unit Cost - None  
Basis for adjustment - None

Resources	Cost Element	Skill	Department	Curve	Quantity	Units
A5H	SUBCONTRACTED SRVS	0000 NONE	K311S D&D Program	Linear	24.000.00	Dollars

Factors 30000 Dollars

0.8 Budget Cuts



WBS No: 1CAFTD01  
Activity ID: 1CAFTD102

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1CAF  
Activity Filter \*

Starts In FY \*

A5M	TRAVEL/TRAIN/RELOCAT	0000	NONE	K311S	D&D Program	Linear	12.800.00	Dollars
Factors	16000	Dollars						

0.8 Budget Cuts

**Line Item A03 - Admin Support**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs)for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None							
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	6,400.00	Dollars

Factors 8000 Dollars

0.8 Budget Cuts

**Line Item B01 - Perform Technology Evaluations**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs)for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None							
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	M030	MANAGEMENT INTEGRATORS (GR	K311S	D&D Program	Linear	576.00	Hours

Factors 720 Hours

0.8 Budget Cuts

A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	32.800.00	Dollars
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Factors 41000 Dollars

0.8 Budget Cuts

A5M	TRAVEL/TRAIN/RELOCAT	0000	NONE	K311S	D&D Program	Linear	12.800.00	Dollars
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Factors 16000 Dollars

0.8 Budget Cuts

**Line Item B02 - Admin Support**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs)for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None							
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	6.400.00	Dollars

Factors 8000 Dollars

0.8 Budget Cuts

**Line Item C01 - Cost and Strategy Evaluations**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs)for							
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WBS No: 1CAFTD01  
Activity ID: 1CAFTD102

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1CAF  
Activity Filter \*

Starts In FY \*

all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J.  
Experience Item Desc -  
Breakdown of Cost Data:  
Item -  
Units -  
Unit Cost -  
Unit Cost Adjustment factor - N/A  
Revised Unit Cost - None  
Basis for adjustment - None

**Resources**

Cost Element		Skill		Department		Curve	Quantity	Units
750	STRAIGHT TIME BASE	M030	MANAGEMENT INTEGRATORS (GR	K311S	D&D Program	Linear	488.00	Hours

Factors 610 Hours

0.8 Budget Cuts

A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	35,200.00	Dollars
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Factors 44000 Dollars

0.8 Budget Cuts

**Line Item C02 - Admin Support**

**BOE**

Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs)for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J.  
Experience Item Desc -  
Breakdown of Cost Data:  
Item -  
Units -  
Unit Cost -  
Unit Cost Adjustment factor - N/A  
Revised Unit Cost - None  
Basis for adjustment - None

**Resources**

Cost Element		Skill		Department		Curve	Quantity	Units
A5M	TRAVEL/TRAIN/RELOCAT	0000	NONE	K311S	D&D Program	Linear	6,400.00	Dollars

Factors 8000 Dollars

0.8 Budget Cuts

**Line Item D01 - Develop and Write Deployment Proposals**

**BOE**

Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs)for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J.  
Experience Item Desc -  
Breakdown of Cost Data:  
Item -  
Units -  
Unit Cost -  
Unit Cost Adjustment factor - N/A  
Revised Unit Cost - None  
Basis for adjustment - None

**Resources**

Cost Element		Skill		Department		Curve	Quantity	Units
750	STRAIGHT TIME BASE	M030	MANAGEMENT INTEGRATORS (GR	K311S	D&D Program	Linear	272.00	Hours

Factors 340 Hours

0.8 Budget Cuts

A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	17,600.00	Dollars
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Factors 22000 Dollars

0.8 Budget Cuts

**Line Item D02 - Admin Support**

**BOE**

Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs)for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J.  
Experience Item Desc -  
Breakdown of Cost Data:  
Item -  
Units -  
Unit Cost -

WBS No: 1CAFTD01  
Activity ID: 1CAFTD102

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1CAF  
Activity Filter \* Starts In FY \*

Unit Cost Adjustment factor - N/A  
Revised Unit Cost - None  
Basis for adjustment - None

Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	A5M	TRAVEL/TRAIN/RELOCAT	0000	NONE	K311S	D&D Program	Linear	3,200.00	Dollars
Factors 4000 Dollars									

0.8 Budget Cuts

**Line Item SYS - Contingency And Escalation**

**BOE**

Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	28,382.47	Dollars
Factors 28382.5 Dollars									
Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	ESC	ESCALATION	0000	NONE	ZDEPT	No Department	Linear	12,910.83	Dollars
Factors 12910.8 Dollars									

Activity ID: 1CAFTD103 Description: FY03 Technical Development - Planning

Cost Risk 1 Schedule Risk 1

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
A01	Steering Committee Meetings	1.00	Each	HC	256	256	13,683	0	0	13,683	4,734	18,418
A02	Subject Matter Expert Support	1.00	Each	HC	0	0	0	18,400	0	18,400	0	18,400
A03	Admin Support	1.00	Each	HC	0	0	0	3,200	0	3,200	0	3,200
B01	Perform Technology Evaluations	1.00	Each	HC	264	264	11,249	20,000	0	31,249	3,892	35,141
B02	Admin Support	1.00	Each	HC	0	0	0	3,200	0	3,200	0	3,200
C01	Cost and Strategy Evaluations	1.00	Each	HC	192	192	8,181	16,000	0	24,181	2,831	27,012
C02	Admin Support	1.00	Each	HC	0	0	0	3,200	0	3,200	0	3,200
D01	Develop and Write Deployment Proposals	1.00	Each	HC	272	272	11,590	8,000	0	19,590	4,010	23,600
D02	Admin Support	1.00	Each	HC	0	0	0	1,600	0	1,600	0	1,600
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	37,087	37,087	0	37,087
Total for Activity 1CAFTD103:						984	44,703	73,600	37,087	155,391	15,467	170,858

**Line Item A01 - Steering Committee Meetings**

**BOE**

Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J.  
Experience Item Desc -  
Breakdown of Cost Data:  
Item -  
Units -  
Unit Cost -  
Unit Cost Adjustment factor - N/A  
Revised Unit Cost - None  
Basis for adjustment - None

Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K311S	D&D Program	Linear	256.00	Hours
Factors 320 Hours									

0.8 Budget Cuts

**Line Item A02 - Subject Matter Expert Support**

**BOE**

Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J.  
Experience Item Desc -  
Breakdown of Cost Data:  
Item -  
Units -  
Unit Cost -  
Unit Cost Adjustment factor - N/A  
Revised Unit Cost - None  
Basis for adjustment - None

WBS No: 1CAFTD01  
Activity ID: 1CAFTD103

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1CAF  
Activity Filter \*

Resources	<i>Cost Element</i>		<i>Skill</i>		<i>Department</i>		<i>Curve</i>	<i>Quantity</i>	<i>Units</i>
	A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	12.000.00	Dollars
<i>Factors</i> 15000 Dollars									
0.8 Budget Cuts									
Resources	<i>Cost Element</i>		<i>Skill</i>		<i>Department</i>		<i>Curve</i>	<i>Quantity</i>	<i>Units</i>
	A5M	TRAVEL/TRAIN/RELOCAT	0000	NONE	K311S	D&D Program	Linear	6.400.00	Dollars
<i>Factors</i> 8000 Dollars									
0.8 Budget Cuts									

**Line Item A03 - Admin Support**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None								
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Resources	<i>Cost Element</i>		<i>Skill</i>		<i>Department</i>		<i>Curve</i>	<i>Quantity</i>	<i>Units</i>
	A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	3.200.00	Dollars
<i>Factors</i> 4000 Dollars									
0.8 Budget Cuts									

**Line Item B01 - Perform Technology Evaluations**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None								
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Resources	<i>Cost Element</i>		<i>Skill</i>		<i>Department</i>		<i>Curve</i>	<i>Quantity</i>	<i>Units</i>
	750	STRAIGHT TIME BASE	M030	MANAGEMENT INTEGRATORS (GR	K311S	D&D Program	Linear	264.00	Hours
<i>Factors</i> 330 Hours									
0.8 Budget Cuts									
Resources	<i>Cost Element</i>		<i>Skill</i>		<i>Department</i>		<i>Curve</i>	<i>Quantity</i>	<i>Units</i>
	A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	13.600.00	Dollars
<i>Factors</i> 17000 Dollars									
0.8 Budget Cuts									
Resources	<i>Cost Element</i>		<i>Skill</i>		<i>Department</i>		<i>Curve</i>	<i>Quantity</i>	<i>Units</i>
	A5M	TRAVEL/TRAIN/RELOCAT	0000	NONE	K311S	D&D Program	Linear	6.400.00	Dollars
<i>Factors</i> 8000 Dollars									
0.8 Budget Cuts									

**Line Item B02 - Admin Support**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None								
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Resources	<i>Cost Element</i>		<i>Skill</i>		<i>Department</i>		<i>Curve</i>	<i>Quantity</i>	<i>Units</i>

WBS No: 1CAFTD01  
Activity ID: 1CAFTD103

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1CAF  
Activity Filter \*

Starts In FY \*

A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	3,200.00	Dollars
Factors	4000	Dollars						

0.8 Budget Cuts

**Line Item C01 - Cost and Strategy Evaluations**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None							
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	M030	MANAGEMENT INTEGRATORS (GR	K311S	D&D Program	Linear	192.00	Hours

Factors 240 Hours

0.8 Budget Cuts

A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	16,000.00	Dollars
Factors	20000	Dollars						

0.8 Budget Cuts

**Line Item C02 - Admin Support**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None							
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	A5M	TRAVEL/TRAIN/RELOCAT	0000	NONE	K311S	D&D Program	Linear	3,200.00	Dollars

Factors 4000 Dollars

0.8 Budget Cuts

**Line Item D01 - Develop and Write Deployment Proposals**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None							
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	M030	MANAGEMENT INTEGRATORS (GR	K311S	D&D Program	Linear	272.00	Hours

Factors 340 Hours

0.8 Budget Cuts

A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	8,000.00	Dollars
Factors	10000	Dollars						

0.8 Budget Cuts

**Line Item D02 - Admin Support**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for							
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WBS No: 1CAFTD01  
Activity ID: 1CAFTD103

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1CAF  
Activity Filter \*

Starts In FY \*

all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J.  
Experience Item Desc -  
Breakdown of Cost Data:  
Item -  
Units -  
Unit Cost -  
Unit Cost Adjustment factor - N/A  
Revised Unit Cost - None  
Basis for adjustment - None

Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	A5M	TRAVEL/TRAIN/RELOCAT	0000	NONE	K311S	D&D Program	Linear	1,600.00	Dollars
	Factors      2000      Dollars								

0.8 Budget Cuts

**Line Item SYS - Contingency And Escalation**

**BOE**

Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	26.829.23	Dollars
	Factors 26829.2 Dollars								
	ESC	ESCALATION	0000	NONE	ZDEPT	No Department	Linear	10.258.24	Dollars
	Factors 10258.2 Dollars								

Activity ID: 1CAFTD104 Description: FY04 Technical Development - Planning

Cost Risk 1 Schedule Risk 1

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
A01	Steering Committee Meetings	1.00	Each	HC	80	80	4.276	0	0	4.276	1.206	5.482
A02	Subject Matter Expert Support	1.00	Each	HC	0	0	0	8.800	0	8.800	0	8.800
A03	Admin Support	1.00	Each	HC	0	0	0	1.600	0	1.600	0	1.600
B01	Perform Technology Evaluations	1.00	Each	HC	88	88	3.750	6.400	0	10.150	1.057	11.207
B02	Admin Support	1.00	Each	HC	0	0	0	1.600	0	1.600	0	1.600
C01	Cost and Strategy Evaluations	1.00	Each	HC	96	96	4.091	6.400	0	10.491	1.154	11.644
C02	Admin Support	1.00	Each	HC	0	0	0	1.600	0	1.600	0	1.600
D01	Develop and Write Deployment Proposals	1.00	Each	HC	48	48	2.045	3.200	0	5.245	577	5.822
D02	Admin Support	1.00	Each	HC	0	0	0	800	0	800	0	800
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	6.933	6.933	0	6.933
Total for Activity 1CAFTD104:						312	14.162	30.400	6.933	51.495	3.994	55.488

**Line Item A01 - Steering Committee Meetings**

**BOE**

Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J.  
Experience Item Desc -  
Breakdown of Cost Data:  
Item -  
Units -  
Unit Cost -  
Unit Cost Adjustment factor - N/A  
Revised Unit Cost - None  
Basis for adjustment - None

Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K311S	D&D Program	Linear	80.00	Hours
	Factors	100	Hours						

0.8 Budget Cuts

**Line Item A02 - Subject Matter Expert Support**

**BOE**

Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J.  
Experience Item Desc -  
Breakdown of Cost Data:  
Item -

WBS No: 1CAFTD01  
Activity ID: 1CAFTD104

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1CAF  
Activity Filter \* Starts In FY \*

Units -  
Unit Cost -  
Unit Cost Adjustment factor - N/A  
Revised Unit Cost - None  
Basis for adjustment - None

**Resources**

Cost Element		Skill		Department		Curve	Quantity	Units
A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	6.400.00	Dollars

Factors 8000 Dollars

0.8 Budget Cuts

A5M	TRAVEL/TRAIN/RELOCAT	0000	NONE	K311S	D&D Program	Linear	2.400.00	Dollars
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Factors 3000 Dollars

0.8 Budget Cuts

**Line Item A03 - Admin Support**

**BOE**

Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J.  
Experience Item Desc -  
Breakdown of Cost Data:  
Item -  
Units -  
Unit Cost -  
Unit Cost Adjustment factor - N/A  
Revised Unit Cost - None  
Basis for adjustment - None

**Resources**

Cost Element		Skill		Department		Curve	Quantity	Units
A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	1.600.00	Dollars

Factors 2000 Dollars

0.8 Budget Cuts

**Line Item B01 - Perform Technology Evaluations**

**BOE**

Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J.  
Experience Item Desc -  
Breakdown of Cost Data:  
Item -  
Units -  
Unit Cost -  
Unit Cost Adjustment factor - N/A  
Revised Unit Cost - None  
Basis for adjustment - None

**Resources**

Cost Element		Skill		Department		Curve	Quantity	Units
750	STRAIGHT TIME BASE	M030	MANAGEMENT INTEGRATORS (GR	K311S	D&D Program	Linear	88.00	Hours

Factors 110 Hours

0.8 Budget Cuts

A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	4.000.00	Dollars
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Factors 5000 Dollars

0.8 Budget Cuts

A5M	TRAVEL/TRAIN/RELOCAT	0000	NONE	K311S	D&D Program	Linear	2.400.00	Dollars
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Factors 3000 Dollars

0.8 Budget Cuts

**Line Item B02 - Admin Support**

**BOE**

Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J.  
Experience Item Desc -  
Breakdown of Cost Data:  
Item -  
Units -  
Unit Cost -  
Unit Cost Adjustment factor - N/A

WBS No: 1CAFTD01  
Activity ID: 1CAFTD104

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1CAF  
Activity Filter \* Starts In FY \*

Revised Unit Cost - None  
Basis for adjustment - None

Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	1.600.00	Dollars
Factors 2000 Dollars									

0.8 Budget Cuts

**Line Item C01 - Cost and Strategy Evaluations**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None								
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	M030	MANAGEMENT INTEGRATORS (GR	K311S	D&D Program	Linear	96.00	Hours
Factors 120 Hours									

0.8 Budget Cuts

A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	6.400.00	Dollars
Factors 8000 Dollars								

0.8 Budget Cuts

**Line Item C02 - Admin Support**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None								
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	A5M	TRAVEL/TRAIN/RELOCAT	0000	NONE	K311S	D&D Program	Linear	1.600.00	Dollars
Factors 2000 Dollars									

0.8 Budget Cuts

**Line Item D01 - Develop and Write Deployment Proposals**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None								
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	M030	MANAGEMENT INTEGRATORS (GR	K311S	D&D Program	Linear	48.00	Hours
Factors 60 Hours									

0.8 Budget Cuts



WBS No: 1CAFTD01  
Activity ID: 1CAFTD104

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1CAF  
Activity Filter \*

Starts In FY \*

A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	3,200.00	Dollars
Factors	4000	Dollars						

0.8 Budget Cuts

**Line Item D02 - Admin Support**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None							
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	A5M	TRAVEL/TRAIN/RELOCAT	0000	NONE	K311S	D&D Program	Linear	800.00	Dollars
	Factors	1000	Dollars						

0.8 Budget Cuts

**Line Item SYS - Contingency And Escalation**

BOE										
Resources	Cost Element			Skill		Department		Curve	Quantity	Units
	CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	2,270.97	Dollars	
	Factors 2270.97 Dollars									
	ESC	ESCALATION	0000	NONE	ZDEPT	No Department	Linear	4,662.08	Dollars	
	Factors 4662.08 Dollars									

Activity ID: 1CXXXTD104 Description: End Technical Development - Planning

Cost Risk 1 Schedule Risk 1

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
A01	Steering Committee Meetings	1.79	Each	HC	80	143	7,636	0	0	7,636	2,153	9,789
A02	Subject Matter Expert Support	1.79	Each	HC	0	0	0	15,714	0	15,714	0	15,714
A03	Admin Support	1.79	Each	HC	0	0	0	2,857	0	2,857	0	2,857
B01	Perform Technology Evaluations	1.79	Each	HC	88	157	6,696	11,429	0	18,124	1,888	20,013
B02	Admin Support	1.79	Each	HC	0	0	0	2,857	0	2,857	0	2,857
C01	Cost and Strategy Evaluations	1.79	Each	HC	96	171	7,305	11,429	0	18,733	2,060	20,793
C02	Admin Support	1.79	Each	HC	0	0	0	2,857	0	2,857	0	2,857
D01	Develop and Write Deployment Proposals	1.79	Each	HC	48	86	3,652	5,714	0	9,367	1,030	10,397
D02	Admin Support	1.79	Each	HC	0	0	0	1,429	0	1,429	0	1,429
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	12,380	12,380	0	12,380
Total for Activity 1CXXXTD104:						557	25,288	54,286	12,380	91,955	7,131	99,086

**Line Item A01 - Steering Committee Meetings**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None							
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K311S	D&D Program	Linear	80.00	Hours
Factors	100	Hours							

0.8 Budget Cuts

WBS No: 1CAFTD01  
Activity ID: 1CXXXTD104

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1CAF  
Activity Filter \*

Starts In FY \*

**Line Item A02 - Subject Matter Expert Support**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None					
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Resources		Cost Element	Skill	Department	Curve	Quantity	Units
A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	6.400.00Dollars
Factors	8000	Dollars			0.8	Budget Cuts	
A5M	TRAVEL/TRAIN/RELOCAT	0000	NONE	K311S	D&D Program	Linear	2.400.00Dollars
Factors	3000	Dollars			0.8	Budget Cuts	

**Line Item A03 - Admin Support**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None					
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Resources		Cost Element	Skill	Department	Curve	Quantity	Units
A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	1.600.00Dollars
Factors	2000	Dollars			0.8	Budget Cuts	

**Line Item B01 - Perform Technology Evaluations**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None					
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Resources		Cost Element	Skill	Department	Curve	Quantity	Units
750	STRAIGHT TIME BASE	M030	MANAGEMENT INTEGRATORS (GR	K311S	D&D Program	Linear	88.00Hours
Factors	110	Hours			0.8	Budget Cuts	
A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	4.000.00Dollars
Factors	5000	Dollars			0.8	Budget Cuts	
A5M	TRAVEL/TRAIN/RELOCAT	0000	NONE	K311S	D&D Program	Linear	2.400.00Dollars
Factors	3000	Dollars			0.8	Budget Cuts	

**Line Item B02 - Admin Support**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for					
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WBS No: 1CAFTD01  
Activity ID: 1CXXXTD104

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1CAF  
Activity Filter \*

Starts In FY \*

all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J.  
Experience Item Desc -  
Breakdown of Cost Data:  
Item -  
Units -  
Unit Cost -  
Unit Cost Adjustment factor - N/A  
Revised Unit Cost - None  
Basis for adjustment - None

Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	1,600.00	Dollars
	Factors      2000      Dollars								

0.8 Budget Cuts

**Line Item C01 - Cost and Strategy Evaluations**

**BOE** Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J.  
Experience Item Desc -  
Breakdown of Cost Data:  
Item -  
Units -  
Unit Cost -  
Unit Cost Adjustment factor - N/A  
Revised Unit Cost - None  
Basis for adjustment - None

Resources	Cost Element			Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE		M030	MANAGEMENT INTEGRATORS (GR	K311S	D&D Program	Linear	96.00	Hours
	Factors		120	Hours						

0.8 Budget Cuts

A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	6,400.00	Dollars
Factors	8000	Dollars						

0.8 Budget Cuts

**Line Item C02 - Admin Support**

**BOE** Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J.  
Experience Item Desc -  
Breakdown of Cost Data:  
Item -  
Units -  
Unit Cost -  
Unit Cost Adjustment factor - N/A  
Revised Unit Cost - None  
Basis for adjustment - None

Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	A5M	TRAVEL/TRAIN/RELOCAT	0000	NONE	K311S	D&D Program	Linear	1,600.00	Dollars
	Factors	2000	Dollars						

0.8 Budget Cuts

**Line Item D01 - Develop and Write Deployment Proposals**

**BOE** Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J.  
Experience Item Desc -  
Breakdown of Cost Data:  
Item -  
Units -  
Unit Cost -  
Unit Cost Adjustment factor - N/A  
Revised Unit Cost - None  
Basis for adjustment - None

WBS No: 1CAFTD01  
Activity ID: 1CXXXTD104

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1CAF  
Activity Filter \*

Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	M030	MANAGEMENT INTEGRATORS (GR	K311S	D&D Program	Linear	48.00	Hours
Factors 60 Hours									
0.8 Budget Cuts									
A5H		SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	3,200.00	Dollars
Factors 4000 Dollars									
0.8 Budget Cuts									

**Line Item D02 - Admin Support**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None								
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	A5M	TRAVEL/TRAIN/RELOCAT	0000	NONE	K311S	D&D Program	Linear	800.00	Dollars
Factors 1000 Dollars									
0.8 Budget Cuts									

**Line Item SYS - Contingency And Escalation**

BOE									
Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	4,055.31	Dollars
Factors 4055.31 Dollars									
Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	ESC	ESCALATION	0000	NONE	ZDEPT	No Department	Linear	8,325.14	Dollars
Factors 8325.14 Dollars									

WBS No: 1CAFTD02	Title: Project Controls
Activity ID: 1CAFTD200	Description: FY00 Technical Development - Project Controls

								Cost Risk 1		Schedule Risk 1			
Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost	
A01	Development activities and schedules	1.00	Each	HC	300	300	12,783	0	0	12,783	6,238	19,021	
A02	Admin Support	1.00	Each	HC	0	0	0	3,000	0	3,000	0	3,000	
B01	Development monthly and quarterly reports	1.00	Each	HC	300	300	12,783	0	0	12,783	6,238	19,021	
B02	Support Offsite reviews	1.00	Each	HC	0	0	0	0	0	0	0	0	
Total for Activity 1CAFTD200:						600	25,566	3,000	0	28,566	12,476	41,042	

**Line Item A01 - Development activities and schedules**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None								
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	M030	MANAGEMENT INTEGRATORS (GR	K311S	D&D Program	Linear	300.00	Hours
Factors 300 Hours									

**Line Item A02 - Admin Support**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for								
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WBS No: 1CAFTD02  
Activity ID: 1CAFTD200

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1CAF  
Activity Filter \* Starts In FY \*

all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J.  
Experience Item Desc -  
Breakdown of Cost Data:  
Item -  
Units -  
Unit Cost -  
Unit Cost Adjustment factor - N/A  
Revised Unit Cost - None  
Basis for adjustment - None

Resources		Cost Element	Skill	Department		Curve	Quantity	Units
A5H		SUBCONTRACTED SRVS	0000 NONE	K311S	D&D Program	Linear	3.000.00	Dollars
Factors		3000	Dollars					

**Line Item B01 - Development monthly and quarterly reports**

**BOE**  
Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J.  
Experience Item Desc -  
Breakdown of Cost Data:  
Item -  
Units -  
Unit Cost -  
Unit Cost Adjustment factor - N/A  
Revised Unit Cost - None  
Basis for adjustment - None

Resources		Cost Element	Skill	Department		Curve	Quantity	Units
750		STRAIGHT TIME BASE	M030 MANAGEMENT INTEGRATORS (GR	K311S	D&D Program	Linear	300.00	Hours
Factors		300	Hours					

**Line Item B02 - Support Offsite reviews**

**BOE**  
Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J.  
Experience Item Desc -  
Breakdown of Cost Data:  
Item -  
Units -  
Unit Cost -  
Unit Cost Adjustment factor - N/A  
Revised Unit Cost - None  
Basis for adjustment - None

Resources		Cost Element	Skill	Department		Curve	Quantity	Units
750		STRAIGHT TIME BASE	M030 MANAGEMENT INTEGRATORS (GR	K311S	D&D Program	Linear	0.00	Hours
Factors		0	Hours					
A5M		TRAVEL/TRAIN/RELOCAT	0000 NONE	K311S	D&D Program	Linear	0.00	Dollars
Factors		0	Dollars					

Activity ID: 1CAFTD201 Description: FY01 Technical Development - Project Controls

Cost Risk 1 Schedule Risk 1

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
A01	Development activities and schedules	1.00	Each	HC	840	840	35,792	0	0	35,792	17,073	52,865
A02	Admin Support	1.00	Each	HC	0	0	0	8,000	0	8,000	0	8,000
B01	Development monthly and quarterly reports	1.00	Each	HC	920	920	39,201	0	0	39,201	18,699	57,900
B02	Support Offsite reviews	1.00	Each	HC	340	340	14,487	3,000	0	17,487	6,910	24,398
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	7,590	7,590	0	7,590
Total for Activity 1CAFTD201:						2,100	89,481	11,000	7,590	108,071	42,682	150,753

**Line Item A01 - Development activities and schedules**

**BOE**  
Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J.  
Experience Item Desc -  
Breakdown of Cost Data:  
Item -

WBS No: 1CAFTD02  
Activity ID: 1CAFTD201

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1CAF  
Activity Filter \* Starts In FY \*

Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None					
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	M030	MANAGEMENT INTEGRATORS (GR	K311S	D&D Program	Linear	840.00	Hours
	Factors	840	Hours						

**Line Item A02 - Admin Support**

BOE		Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs)for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None									
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	8,000.00	Dollars
	Factors 8000 Dollars								

**Line Item B01 - Development monthly and quarterly reports**

BOE		Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs)for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None									
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Resources	Cost Element			Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE		M030	MANAGEMENT INTEGRATORS (GR	K311S	D&D Program	Linear	920.00	Hours
	Factors	920 Hours								

**Line Item B02 - Support Offsite reviews**

BOE		Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs)for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None									
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Resources	Cost Element			Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE		M030	MANAGEMENT INTEGRATORS (GR	K311S	D&D Program	Linear	340.00	Hours
	Factors	340	Hours							
	A5M	TRAVEL/TRAIN/RELOCAT		0000	NONE	K311S	D&D Program	Linear	3,000.00	Dollars
	Factors	3000	Dollars							

**Line Item SYS - Contingency And Escalation**

BOE							
Resources	Cost Element		Skill	Department	Curve	Quantity	Units

WBS No: 1CAFTD02  
Activity ID: 1CAFTD201

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1CAF  
Activity Filter \*

CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	4.579.50	Dollars
<i>Factors</i> 4579.50 Dollars								
ESC	ESCALATION	0000	NONE	ZDEPT	No Department	Linear	3.010.41	Dollars
<i>Factors</i> 3010.41 Dollars								

Activity ID: 1CAFTD202 Description: FY02 Technical Development - Project Controls

Cost Risk 1 Schedule Risk 1

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
A01	Development activities and schedules	1.00	Each	HC	672	672	28.634	0	0	28.634	10.108	38.742
A02	Admin Support	1.00	Each	HC	0	0	0	6.400	0	6.400	0	6.400
B01	Development monthly and quarterly reports	1.00	Each	HC	736	736	31.361	0	0	31.361	11.070	42.431
B02	Support Offsite reviews	1.00	Each	HC	272	272	11.590	2.400	0	13.990	4.091	18.081
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	15.791	15.791	0	15.791
Total for Activity 1CAFTD202:						1.680	71.585	8.800	15.791	96.176	25.269	121.446

**Line Item A01 - Development activities and schedules**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs)for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None
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Resources	Cost Element	Skill	Department	Curve	Quantity	Units
750	STRAIGHT TIME BASE	M030	MANAGEMENT INTEGRATORS (GR	Linear	672.00	Hours
<i>Factors</i> 840 Hours						

0.8 Budget Cuts

**Line Item A02 - Admin Support**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs)for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None
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Resources	Cost Element	Skill	Department	Curve	Quantity	Units
A5H	SUBCONTRACTED SRVS	0000	NONE	Linear	6.400.00	Dollars
<i>Factors</i> 8000 Dollars						

0.8 Budget Cuts

**Line Item B01 - Development monthly and quarterly reports**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs)for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None
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Resources	Cost Element	Skill	Department	Curve	Quantity	Units
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WBS No: 1CAFTD02  
Activity ID: 1CAFTD202

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1CAF  
Activity Filter \*

750	STRAIGHT TIME BASE	M030	MANAGEMENT INTEGRATORS (GR	K311S	D&D Program	Linear	736.00	Hours
Factors	920	Hours						

0.8 Budget Cuts

**Line Item B02 - Support Offsite reviews**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None											
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	M030	MANAGEMENT INTEGRATORS (GR	K311S	D&D Program	Linear	272.00	Hours
	Factors	340	Hours						

0.8 Budget Cuts

A5M	TRAVEL/TRAIN/RELOCAT	0000	NONE	K311S	D&D Program	Linear	2,400.00	Dollars
Factors	3000	Dollars						

0.8 Budget Cuts

**Line Item SYS - Contingency And Escalation**

BOE										
Resources	Cost Element			Skill		Department		Curve	Quantity	Units
	CON	CONTINGENCY		0000	NONE	ZDEPT	No Department	Linear	10.854.05	Dollars
	Factors 10854.1 Dollars									
	ESC	ESCALATION		0000	NONE	ZDEPT	No Department	Linear	4.937.37	Dollars
	Factors 4937.38 Dollars									

Activity ID: 1CAFTD203 Description: FY03 Technical Development - Project Controls

Cost Risk 1 Schedule Risk 1

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
A01	Development activities and schedules	1.00	Each	HC	672	672	28.634	0	0	28.634	9.907	38.541
A02	Admin Support	1.00	Each	HC	0	0	0	6.400	0	6.400	0	6.400
B01	Development monthly and quarterly reports	1.00	Each	HC	736	736	31.361	0	0	31.361	10.851	42.212
B02	Support Offsite reviews	1.00	Each	HC	272	272	11.590	2.400	0	13.990	4.010	18.000
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	29.153	29.153	0	29.153
Total for Activity 1CAFTD203:						1.680	71.585	8.800	29.153	109.538	24.768	134.307

**Line Item A01 - Development activities and schedules**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None											
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	M030	MANAGEMENT INTEGRATORS (GR	K311S	D&D Program	Linear	672.00	Hours
	Factors	840	Hours						

0.8 Budget Cuts

**Line Item A02 - Admin Support**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for											
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WBS No: 1CAFTD02  
Activity ID: 1CAFTD203

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1CAF  
Activity Filter \*

Starts In FY \*

all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J.  
Experience Item Desc -  
Breakdown of Cost Data:  
Item -  
Units -  
Unit Cost -  
Unit Cost Adjustment factor - N/A  
Revised Unit Cost - None  
Basis for adjustment - None

Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	6.400.00	Dollars
	Factors 8000 Dollars								

0.8 Budget Cuts

**Line Item B01 - Development monthly and quarterly reports**

**BOE** Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J.  
Experience Item Desc -  
Breakdown of Cost Data:  
Item -  
Units -  
Unit Cost -  
Unit Cost Adjustment factor - N/A  
Revised Unit Cost - None  
Basis for adjustment - None

Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	M030	MANAGEMENT INTEGRATORS (GR	K311S	D&D Program	Linear	736.00	Hours
	Factors 920 Hours								

0.8 Budget Cuts

**Line Item B02 - Support Offsite reviews**

**BOE** Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J.  
Experience Item Desc -  
Breakdown of Cost Data:  
Item -  
Units -  
Unit Cost -  
Unit Cost Adjustment factor - N/A  
Revised Unit Cost - None  
Basis for adjustment - None

Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	M030	MANAGEMENT INTEGRATORS (GR	K311S	D&D Program	Linear	272.00	Hours
	Factors	340	Hours						

0.8 Budget Cuts

A5M	TRAVEL/TRAIN/RELOCAT	0000	NONE	K311S	D&D Program	Linear	2,400.00	Dollars
Factors	3000	Dollars						

0.8 Budget Cuts

**Line Item SYS - Contingency And Escalation**

BOE

Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	21.089.67	Dollars
	Factors 21089.7 Dollars								
	ESC	ESCALATION	0000	NONE	ZDEPT	No Department	Linear	8.063.70	Dollars
	Factors 8063.7 Dollars								

Activity ID: 1CAFTD204 Description: FY04 Technical Development - Project Controls

Cost Risk 1 Schedule Risk 1

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
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WBS No: 1CAFTD02  
Activity ID: 1CAFTD204

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1CAF  
Activity Filter \*

		1.00	Each	HC	480	480	20.453	0	0	20.453	5.768	26.220	
A01	Development activities and schedules	1.00	Each	HC	0	0	0	1.600	0	1.600	0	1.600	
A02	Admin Support	1.00	Each	HC	528	528	22.498	0	0	22.498	6.344	28.843	
B01	Development monthly and quarterly reports	1.00	Each	HC	152	152	6.477	1.200	0	7.677	1.826	9.503	
B02	Support Offsite reviews	1.00	Each	HC	0	0	0	0	9.448	9.448	0	9.448	
SYS	Contingency And Escalation	1.00	ea	EE									
Total for Activity 1CAFTD204:						1.160	49.428	2.800	9.448	61.675	13.939	75.614	

**Line Item A01 - Development activities and schedules**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs)for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J.											
	Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None											

Resources		Cost Element		Skill		Department		Curve	Quantity	Units
		750	STRAIGHT TIME BASE	M030	MANAGEMENT INTEGRATORS (GR	K311S	D&D Program	Linear	480.00	Hours
Factors		600	Hours							

0.8 Budget Cuts

**Line Item A02 - Admin Support**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs)for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J.											
	Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None											

Resources		Cost Element		Skill		Department		Curve	Quantity	Units
		A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	1.600.00	Dollars
Factors		2000	Dollars							

0.8 Budget Cuts

**Line Item B01 - Development monthly and quarterly reports**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs)for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J.											
	Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None											

Resources		Cost Element		Skill		Department		Curve	Quantity	Units
		750	STRAIGHT TIME BASE	M030	MANAGEMENT INTEGRATORS (GR	K311S	D&D Program	Linear	528.00	Hours
Factors		660	Hours							

0.8 Budget Cuts

**Line Item B02 - Support Offsite reviews**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs)for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J.											
	Experience Item Desc - Breakdown of Cost Data: Item -											

WBS No: 1CAFTD02  
Activity ID: 1CAFTD204

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1CAF  
Activity Filter \* Starts In FY \*

Units -  
Unit Cost -  
Unit Cost Adjustment factor - N/A  
Revised Unit Cost - None  
Basis for adjustment - None

**Resources**

Cost Element		Skill		Department		Curve	Quantity	Units
750	STRAIGHT TIME BASE	M030	MANAGEMENT INTEGRATORS (GR	K311S	D&D Program	Linear	152.00	Hours

Factors 190 Hours

A5M	TRAVEL/TRAIN/RELOCAT	0000	NONE	K311S	D&D Program	Linear	1,200.00	Dollars
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Factors 1500 Dollars

0.8 Budget Cuts

0.8 Budget Cuts

**Line Item SYS - Contingency And Escalation**

**BOE**

**Resources**

Cost Element		Skill		Department		Curve	Quantity	Units
CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	3,094.66	Dollars

Factors 3094.66 Dollars

ESC	ESCALATION	0000	NONE	ZDEPT	No Department	Linear	6,353.03	Dollars
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Factors 6353.03 Dollars

WBS No: 1CAFTD03

Title: Prior YR ASTD

Activity ID: 1CAFTD301

Description: FY01 Tech Development - Prior YR ASTD (SF)

Cost Risk 1 Schedule Risk 1

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
B01x	Project Management	1.00	Each	HC	660	660	28,123	2,000	0	30,123	13,414	43,537
B02x	Engineering Support	1.00	Each	HC	2,250	2,250	67,372	8,400	0	75,772	32,137	107,909
B03x	Construction and Installation	1.00	Each	HC	0	0	0	96,000	0	96,000	0	96,000
B04x	SWR Standard	1.00	Each	HC	0	0	0	85,000	0	85,000	0	85,000
D01	FY01 Project Manager	1.00	Each	HC	1,800	1,800	96,210	9,725	0	105,935	45,892	151,827
D01x	FY00 Project Manager	1.00	Each	HC	760	760	40,622	6,500	0	47,122	19,377	66,499
F01	ROSRs Partial (SF) Contract Payment 2	1.00	Each	HC	0	0	0	1,350,000	0	1,350,000	0	1,350,000
F02	ROSRs (SF) Contract Payment 3	1.00	Each	HC	0	0	0	2,100,000	0	2,100,000	0	2,100,000
F03	ROSRs (SF) Contract Payment 4	1.00	Each	HC	0	0	0	2,100,000	0	2,100,000	0	2,100,000
F04	ROSRs (SF) Contract Claims and Charges	1.00	Each	HC	0	0	0	350,000	0	350,000	0	350,000
G01x	FY00 Subcontract Engineers and Specialists	1.00	Each	HC	0	0	0	55,700	0	55,700	0	55,700
H01	FY01 Subcontract Engineers and Specialists	1.00	Each	HC	0	0	0	459,000	0	459,000	0	459,000
H01x	FY00 Subcontract Engineers and Specialists	1.00	Each	HC	0	0	0	209,525	0	209,525	0	209,525
J01x	FY00 Subcontract Engineers and Specialists	1.00	Each	HC	0	0	0	62,700	0	62,700	0	62,700
J02x	FY00 Cold Glovebox Shipping	1.00	Each	HC	0	0	0	1,500	0	1,500	0	1,500
K01	FY01 Database management	1.00	Each	HC	0	0	0	5,210	0	5,210	0	5,210
K01x	FY00 Database management	1.00	Each	HC	0	0	0	10,075	0	10,075	0	10,075
SYS	Contingency And Escalation	1.00	lea	EE	0	0	0	0	345,452	345,452	0	345,452
Total for Activity 1CAFTD301:						5,470	232,327	6,911,335	345,452	7,489,114	110,820	7,599,934

**Line Item B01x - Project Management**

**BOE**

Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J.  
Experience Item Desc -  
Breakdown of Cost Data:  
Item -  
Units -  
Unit Cost -  
Unit Cost Adjustment factor - N/A  
Revised Unit Cost - None  
Basis for adjustment - None

**Resources**

Cost Element		Skill		Department		Curve	Quantity	Units
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WBS No: 1CAFTD03  
Activity ID: 1CAFTD301

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1CAF  
Activity Filter \*

750	STRAIGHT TIME BASE	M030	MANAGEMENT INTEGRATORS (GR	K276S	Measurements	Linear	460.00	Hours
Factors	460	Hours						
750	STRAIGHT TIME BASE	M030	MANAGEMENT INTEGRATORS (GR	K311S	D&D Program	Linear	200.00	Hours
Factors	200	Hours						
A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	800.00	Dollars
Factors	800	Dollars						
A5M	TRAVEL/TRAIN/RELOCAT	0000	NONE	K276S	Measurements	Linear	1,200.00	Dollars
Factors	1200	Dollars						

**Line Item B02x - Engineering Support**

**BOE** Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J.  
Experience Item Desc -  
Breakdown of Cost Data:  
Item -  
Units -  
Unit Cost -  
Unit Cost Adjustment factor - N/A  
Revised Unit Cost - None  
Basis for adjustment - None

Resources	Cost Element			Skill		Department		Curve	Quantity	Units	
	750	STRAIGHT TIME BASE		E130	OTHER ENGINEERS		K276S	Measurements	Linear	1,450.00	Hours
	Factors		1450	Hours							
	750	STRAIGHT TIME BASE		T070	MAINT. TECHS. (INSTRUMENT TEC		KF10H	Matl Steward Steel Workers	Linear	800.00	Hours
	Factors		800	Hours							
	A5M	TRAVEL/TRAIN/RELOCAT		0000	NONE		K276S	Measurements	Linear	2,400.00	Dollars
	Factors		2400	Dollars							
	A5M	TRAVEL/TRAIN/RELOCAT		0000	NONE		KF10H	Matl Steward Steel Workers	Linear	6,000.00	Dollars
	Factors		6000	Dollars							

**Line Item B03x - Construction and Installation**

**BOE** Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J.  
Experience Item Desc -  
Breakdown of Cost Data:  
Item -  
Units -  
Unit Cost -  
Unit Cost Adjustment factor - N/A  
Revised Unit Cost - None  
Basis for adjustment - None

Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	A5H	SUBCONTRACTED SRVS	0000	NONE	K276S	Measurements	Linear	96,000.00	Dollars
	Factors 96000 Dollars								

**Line Item B04x - SWB Standard**

**BOE** Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J.  
Experience Item Desc -  
Breakdown of Cost Data:  
Item -  
Units -  
Unit Cost -  
Unit Cost Adjustment factor - N/A  
Revised Unit Cost - None  
Basis for adjustment - None

Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	A5C	SUPPLIES	0000	NONE	K276S	Measurements	Linear	85,000.00	Dollars
	Factors	85000	Dollars						

WBS No: 1CAFTD03  
Activity ID: 1CAFTD301

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1CAF  
Activity Filter \*

Starts In FY \*

**Line Item D01 - FY01 Project Manager**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None					
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K281S	Building 771 Closure Project	Linear	1,800.00	Hours
	Factors	1800	Hours						
	A5C	SUPPLIES	0000	NONE	K281S	Building 771 Closure Project	Linear	725.00	Dollars
	Factors	725	Dollars						
	A5M	TRAVEL/TRAIN/RELOCAT	0000	NONE	K281S	Building 771 Closure Project	Linear	9,000.00	Dollars
	Factors	9000	Dollars						

**Line Item D01x - FY00 Project Manager**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None					
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K281S	Buildina 771 Closure Project	Linear	760.00	Hours
	Factors	760	Hours						
	A5C	SUPPLIES	0000	NONE	K281S	Buildina 771 Closure Project	Linear	500.00	Dollars
	Factors	500	Dollars						
	A5M	TRAVEL/TRAIN/RELOCAT	0000	NONE	K281S	Buildina 771 Closure Project	Linear	6.000.00	Dollars
	Factors	6000	Dollars						

**Line Item F01 - ROSRS Partial (SF) Contract Payment 2**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None					
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	A5H	SUBCONTRACTED SRVS	0000	NONE	K281S	Building 771 Closure Project	Linear	1.350.000.00	Dollars
	Factors 1350000 Dollars								

**Line Item F02 - ROSRS (SF) Contract Payment 3**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units -					
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WBS No: 1CAFTD03  
Activity ID: 1CAFTD301

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1CAF  
Activity Filter \*

Starts In FY \*

Unit Cost -  
Unit Cost Adjustment factor - N/A  
Revised Unit Cost - None  
Basis for adjustment - None

**Resources**

Cost Element		Skill		Department		Curve	Quantity	Units
A5H	SUBCONTRACTED SRVS	0000	NONE	K281S	Building 771 Closure Project	Linear	2.100.000.00	Dollars

Factors 2100000 Dollars

**Line Item F03 - ROSRS (SF) Contract Payment 4**

**BOE**

Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs)for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J.  
Experience Item Desc -  
Breakdown of Cost Data:  
Item -  
Units -  
Unit Cost -  
Unit Cost Adjustment factor - N/A  
Revised Unit Cost - None  
Basis for adjustment - None

**Resources**

Cost Element		Skill		Department		Curve	Quantity	Units
A5H	SUBCONTRACTED SRVS	0000	NONE	K281S	Building 771 Closure Project	Linear	2.100.000.00	Dollars

Factors 2100000 Dollars

**Line Item F04 - ROSRS (SF) Contract Claims and Charges**

**BOE**

Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs)for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J.  
Experience Item Desc -  
Breakdown of Cost Data:  
Item -  
Units -  
Unit Cost -  
Unit Cost Adjustment factor - N/A  
Revised Unit Cost - None  
Basis for adjustment - None

**Resources**

Cost Element		Skill		Department		Curve	Quantity	Units
A5H	SUBCONTRACTED SRVS	0000	NONE	K281S	Building 771 Closure Project	Linear	350.000.00	Dollars

Factors 350000 Dollars

**Line Item G01x - FY00 Subcontract Engineers and Specialists**

**BOE**

Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs)for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J.  
Experience Item Desc -  
Breakdown of Cost Data:  
Item -  
Units -  
Unit Cost -  
Unit Cost Adjustment factor - N/A  
Revised Unit Cost - None  
Basis for adjustment - None

**Resources**

Cost Element		Skill		Department		Curve	Quantity	Units
A5H	SUBCONTRACTED SRVS	0000	NONE	K281S	Building 771 Closure Project	Linear	52.700.00	Dollars

Factors 52700 Dollars

A5M	TRAVEL/TRAIN/RELOCAT	0000	NONE	K281S	Building 771 Closure Project	Linear	3.000.00	Dollars
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Factors 3000 Dollars

**Line Item H01 - FY01 Subcontract Engineers and Specialists**

**BOE**

Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs)for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J.  
Experience Item Desc -  
Breakdown of Cost Data:  
Item -

WBS No: 1CAFTD03  
Activity ID: 1CAFTD301

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1CAF  
Activity Filter \* Starts In FY \*

Units -  
Unit Cost -  
Unit Cost Adjustment factor - N/A  
Revised Unit Cost - None  
Basis for adjustment - None

**Resources**

Cost Element		Skill		Department		Curve	Quantity	Units
A5H	SUBCONTRACTED SRVS	0000	NONE	K281S	Building 771 Closure Project	Linear	459.000.00	Dollars

Factors 459000 Dollars

**Line Item H01x - FY00 Subcontract Engineers and Specialists**

**BOE**

Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs)for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J.  
Experience Item Desc -  
Breakdown of Cost Data:  
Item -  
Units -  
Unit Cost -  
Unit Cost Adjustment factor - N/A  
Revised Unit Cost - None  
Basis for adjustment - None

**Resources**

Cost Element		Skill		Department		Curve	Quantity	Units
A5H	SUBCONTRACTED SRVS	0000	NONE	K281S	Building 771 Closure Project	Linear	209.525.00	Dollars

Factors 209525 Dollars

**Line Item J01x - FY00 Subcontract Engineers and Specialists**

**BOE**

Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs)for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J.  
Experience Item Desc -  
Breakdown of Cost Data:  
Item -  
Units -  
Unit Cost -  
Unit Cost Adjustment factor - N/A  
Revised Unit Cost - None  
Basis for adjustment - None

**Resources**

Cost Element		Skill		Department		Curve	Quantity	Units
A5H	SUBCONTRACTED SRVS	0000	NONE	K281S	Building 771 Closure Project	Linear	52.700.00	Dollars

Factors 52700 Dollars

A5M	TRAVEL/TRAIN/RELOCAT	0000	NONE	K281S	Building 771 Closure Project	Linear	10.000.00	Dollars
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Factors 10000 Dollars

**Line Item J02x - FY00 Cold Glovebox Shipping**

**BOE**

Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs)for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J.  
Experience Item Desc -  
Breakdown of Cost Data:  
Item -  
Units -  
Unit Cost -  
Unit Cost Adjustment factor - N/A  
Revised Unit Cost - None  
Basis for adjustment - None

**Resources**

Cost Element		Skill		Department		Curve	Quantity	Units
A5M	TRAVEL/TRAIN/RELOCAT	0000	NONE	K281S	Building 771 Closure Project	Linear	1.500.00	Dollars

Factors 1500 Dollars

**Line Item K01 - FY01 Database management**

**BOE**

Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs)for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J.  
Experience Item Desc -  
Breakdown of Cost Data:

WBS No: 1CAFTD03  
Activity ID: 1CAFTD301

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1CAF  
Activity Filter \* Starts In FY \*

Item -  
Units -  
Unit Cost -  
Unit Cost Adjustment factor - N/A  
Revised Unit Cost - None  
Basis for adjustment - None

**Resources**

Cost Element		Skill		Department		Curve	Quantity	Units
A58	ASI	0000	NONE	K281S	Building 771 Closure Project	Linear	3.000.00	Dollars
Factors 3000 Dollars								
A5H	SUBCONTRACTED SRVS	0000	NONE	K281S	Building 771 Closure Project	Linear	2.210.00	Dollars
Factors 2210 Dollars								

**Line Item K01x - FY00 Database management**

**BOE**

Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J.  
Experience Item Desc -  
Breakdown of Cost Data:  
Item -  
Units -  
Unit Cost -  
Unit Cost Adjustment factor - N/A  
Revised Unit Cost - None  
Basis for adjustment - None

**Resources**

Cost Element		Skill		Department		Curve	Quantity	Units
A58	ASI	0000	NONE	K281S	Building 771 Closure Project	Linear	2.000.00	Dollars
Factors 2000 Dollars								
A5H	SUBCONTRACTED SRVS	0000	NONE	K281S	Building 771 Closure Project	Linear	8.075.00	Dollars
Factors 8075 Dollars								

**Line Item SYS - Contingency And Escalation**

**BOE**

**Resources**

Cost Element		Skill		Department		Curve	Quantity	Units
CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	208.434.50	Dollars
Factors 208435 Dollars								
ESC	ESCALATION	0000	NONE	ZDEPT	No Department	Linear	137.017.70	Dollars
Factors 137018 Dollars								

Activity ID: 1CAFTD350

Description: FY00 Tech Development - Prior Yr ASTD (EM50)

Cost Risk 1 Schedule Risk 1

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
A01	Contract Closeout	1.00	Each	HC	137	137	5.838	24.002	0	29.840	7.110	36.950
E01	Oceaneering Contract Payment (EM-50)	1.00	Each	HC	0	0	0	999.700	0	999.700	95.971	1.095.671
Total for Activity 1CAFTD350:						137	5.838	1.023.702	0	1.029.540	103.081	1.132.621

**Line Item A01 - Contract Closeout**

**BOE**

Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J.  
Experience Item Desc -  
Breakdown of Cost Data:  
Item -  
Units -  
Unit Cost -  
Unit Cost Adjustment factor - N/A  
Revised Unit Cost - None  
Basis for adjustment - None

**Resources**

Cost Element		Skill		Department		Curve	Quantity	Units
750	STRAIGHT TIME BASE	M030	MANAGEMENT INTEGRATORS (GR	K311S	D&D Program	Linear	137.00	Hours
Factors 137 Hours								



WBS No: 1CAFTD03  
Activity ID: 1CAFTD350

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1CAF  
Activity Filter \*

Starts In FY \*

A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	24.002.00	Dollars
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Factors 24002 Dollars

**Line Item E01 - Oceaneering Contract Payment (EM-50)**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	999,700.00	Dollars

Factors 999700 Dollars

Activity ID: 1CAFTD360 Description: FY00 Tech Development - Prior Yr ASTD (LANL)

Cost Risk 1 Schedule Risk 1

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
C01	IWO Closeout	1.00	Each	HC	0	0	0	190.000	0	190.000	0	190.000
Total for Activity 1CAFTD360:						0	0	190.000	0	190.000	0	190.000

**Line Item C01 - IWO Closeout**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	190.000.00	Dollars

Factors 190000 Dollars

WBS No: 1CAFTD04 Title: EM-50/RF D&D Initiatives

Activity ID: 1CAFTD401 Description: FY01 Tech Developmt - EM-50/RF D&D Init (SF)

Cost Risk 1 Schedule Risk 1

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
B01	Project Management	1.00	Each	HC	1.600	1.600	68.176	0	0	68.176	32.520	100.696
B02	Systems Engineering	1.00	Each	HC	0	0	0	120.000	0	120.000	0	120.000
D01	Project Management	1.00	Each	HC	600	600	25.566	0	0	25.566	12.195	37.761
D02	Systems Engineering	1.00	Each	HC	0	0	0	390.000	0	390.000	0	390.000
D03	Procure Remaining Equipment/Containment	1.00	Each	HC	0	0	0	500.000	0	500.000	0	500.000
D04	Facility Mods/Installation	1.00	Each	HC	0	0	0	780.000	0	780.000	0	780.000
H01x	Project Management	1.00	Each	HC	0	0	0	0	0	0	0	0
K01x	Systems Engineering/Building Decontamination	1.00	Each	HC	0	0	0	0	0	0	0	0
P01x	Project Management	1.00	Each	HC	0	0	0	0	0	0	0	0
SYS	Contingency And Escalation	1.00	lea	EE	0	0	0	0	102.238	102.238	0	102.238
Total for Activity 1CAFTD401:						2.200	93.742	1.790.000	102.238	1.985.981	44.715	2.030.695

**Line Item B01 - Project Management**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data:
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WBS No: 1CAFTD04  
Activity ID: 1CAFTD401

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1CAF  
Activity Filter \* Starts In FY \*

Item -  
Units -  
Unit Cost -  
Unit Cost Adjustment factor - N/A  
Revised Unit Cost - None  
Basis for adjustment - None

Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	M030	MANAGEMENT INTEGRATORS (GR	K311S	D&D Program	Linear	1,600.00	Hours

Factors 1600 Hours

**Line Item B02 - Systems Engineering**

**BOE** Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J.  
Experience Item Desc -  
Breakdown of Cost Data:  
Item -  
Units -  
Unit Cost -  
Unit Cost Adjustment factor - N/A  
Revised Unit Cost - None  
Basis for adjustment - None

Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	120.000.00	Dollars

Factors 120000 Dollars

**Line Item D01 - Project Management**

**BOE** Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J.  
Experience Item Desc -  
Breakdown of Cost Data:  
Item -  
Units -  
Unit Cost -  
Unit Cost Adjustment factor - N/A  
Revised Unit Cost - None  
Basis for adjustment - None

Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	M030	MANAGEMENT INTEGRATORS (GR	K281S	Building 771 Closure Project	Linear	600.00	Hours

Factors 600 Hours

**Line Item D02 - Systems Engineering**

**BOE** Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J.  
Experience Item Desc -  
Breakdown of Cost Data:  
Item -  
Units -  
Unit Cost -  
Unit Cost Adjustment factor - N/A  
Revised Unit Cost - None  
Basis for adjustment - None

Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	A5H	SUBCONTRACTED SRVS	0000	NONE	K281S	Building 771 Closure Project	Linear	390,000.00	Dollars

Factors 390000 Dollars

**Line Item D03 - Procure Remaining Equipment/Containment**

**BOE** Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J.  
Experience Item Desc -  
Breakdown of Cost Data:  
Item -  
Units -

WBS No: 1CAFTD04  
Activity ID: 1CAFTD401

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1CAF  
Activity Filter \* Starts In FY \*

Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None					
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Resources		Cost Element		Skill		Department		Curve	Quantity	Units
		A5H	SUBCONTRACTED SRVS	0000	NONE	K281S	Building 771 Closure Project	Linear	500.000.00	Dollars
		Factors 500000 Dollars								

**Line Item D04 - Facility Mods/Installation**

BOE		Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs)for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None								
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Resources		Cost Element		Skill		Department		Curve	Quantity	Units
		A5H	SUBCONTRACTED SRVS	0000	NONE	K281S	Building 771 Closure Project	Linear	780.000.00	Dollars
		Factors 780000 Dollars								

**Line Item H01x - Project Management**

BOE		Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs)for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None								
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Resources		Cost Element		Skill		Department		Curve	Quantity	Units
		750	STRAIGHT TIME BASE	M030	MANAGEMENT INTEGRATORS (GR	K281S	Building 771 Closure Project	Linear	0.00	Hours
		Factors 0 Hours								

**Line Item K01x - Systems Engineering/Building Decontamination**

BOE		Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs)for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None								
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Resources		Cost Element		Skill		Department		Curve	Quantity	Units
		750	STRAIGHT TIME BASE	E130	OTHER ENGINEERS	K281S	Building 771 Closure Project	Linear	0.00	Hours
		Factors 0 Hours								

**Line Item P01x - Project Management**

BOE		Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs)for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A								
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WBS No: 1CAFTD04  
Activity ID: 1CAFTD401

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1CAF  
Activity Filter \* Starts In FY \*

Revised Unit Cost - None  
Basis for adjustment - None

Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	M030	MANAGEMENT INTEGRATORS (GR	K311S	D&D Program	Linear	0.00	Hours
	<i>Factors</i> 0       Hours								

**Line Item SYS - Contingency And Escalation**

**BOE**

Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	61.687.34	Dollars
	Factors 61687.3 Dollars								
	ESC	ESCALATION	0000	NONE	ZDEPT	No Department	Linear	40.551.14	Dollars
	Factors 40551.1 Dollars								

Activity ID: 1CAFTD402 Description: FY02 Tech Developmt - EM-50/RF D&D Init (SF)

Cost Risk 1 Schedule Risk 1

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
B03	Building Modifications and SBPC Installation	1.00	Each	HC	0	0	0	1,816.000	0	1,816.000	0	1,816.000
B04	Procedures. AB. Training	1.00	Each	HC	0	0	0	576.000	0	576.000	0	576.000
D01	Project Management	1.00	Each	HC	480	480	20,453	0	0	20,453	7,220	27,673
D05	Procedures. Training. AB	1.00	Each	HC	0	0	0	288.000	0	288.000	0	288.000
D06	System Startup	1.00	Each	HC	1,920	1,920	81,811	528.000	0	609,811	28,879	638,691
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	500.158	500.158	0	500.158
Total for Activity 1CAFTD402:						2,400	102,264	3,208.000	500.158	3,810.422	36.099	3,846.522

**Line Item B03 - Building Modifications and SBPC Installation**

**BOE**

Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J.  
Experience Item Desc -  
Breakdown of Cost Data:  
Item -  
Units -  
Unit Cost -  
Unit Cost Adjustment factor - N/A  
Revised Unit Cost - None  
Basis for adjustment - None

Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	1.816.000.00	Dollars
	Factors		2270000 Dollars						

0.8 Budget Cuts

**Line Item B04 - Procedures, AB, Training**

**BOE**

Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J.  
Experience Item Desc -  
Breakdown of Cost Data:  
Item -  
Units -  
Unit Cost -  
Unit Cost Adjustment factor - N/A  
Revised Unit Cost - None  
Basis for adjustment - None

Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	A5H	SUBCONTRACTED SRVS	0000	NONE	C240S	Traffic/Transportation	Linear	576.000.00	Dollars
	Factors      720000   Dollars								

0.8 Budget Cuts

**Line Item D01 - Project Management**

**BOE**

Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for

WBS No: 1CAFTD04  
Activity ID: 1CAFTD402

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1CAF  
Activity Filter \*

Starts In FY \*

all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J.  
Experience Item Desc -  
Breakdown of Cost Data:  
Item -  
Units -  
Unit Cost -  
Unit Cost Adjustment factor - N/A  
Revised Unit Cost - None  
Basis for adjustment - None

Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	M030	MANAGEMENT INTEGRATORS (GR	K281S	Building 771 Closure Project	Linear	480.00	Hours
	Factors 600 Hours								

0.8 Budget Cuts

**Line Item D05 - Procedures, Training, AB**

**BOE** Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs)for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J.  
Experience Item Desc -  
Breakdown of Cost Data:  
Item -  
Units -  
Unit Cost -  
Unit Cost Adjustment factor - N/A  
Revised Unit Cost - None  
Basis for adjustment - None

Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	A5H	SUBCONTRACTED SRVS	0000	NONE	K281S	Building 771 Closure Project	Linear	288,000.00	Dollars
	Factors 360000 Dollars								

0.8 Budget Cuts

**Line Item D06 - System Startup**

**BOE** Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs)for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J.  
Experience Item Desc -  
Breakdown of Cost Data:  
Item -  
Units -  
Unit Cost -  
Unit Cost Adjustment factor - N/A  
Revised Unit Cost - None  
Basis for adjustment - None

Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	M030	MANAGEMENT INTEGRATORS (GR	K281S	Building 771 Closure Project	Linear	1.920.00	Hours
	Factors	2400	Hours						

0.8 Budget Cuts

A5H	SUBCONTRACTED SRVS	0000	NONE	K281S	Building 771 Closure Project	Linear	528,000.00	Dollars
Factors		660000	Dollars					

0.8 Budget Cuts

**Line Item SYS - Contingency And Escalation**

BOE										
Resources	Cost Element			Skill		Department		Curve	Quantity	Units
	CON	CONTINGENCY		0000	NONE	ZDEPT	No Department	Linear	343.778.00	Dollars
	Factors		343778 Dollars							
	ESC	ESCALATION		0000	NONE	ZDEPT	No Department	Linear	156.380.40	Dollars
	Factors		156380 Dollars							

Activity ID: 1CAFTD404 Description: FY04 Tech Developmt - EM-50/RF D&D Init (SF)

Cost Risk 1 Schedule Risk 1

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
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WBS No: 1CAFTD04  
Activity ID: 1CAFTD404

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1CAF  
Activity Filter \*

M01	Systems Engineering	1.00	Each	HC	0	0	0	0	0	0	0	0
Total for Activity 1CAFTD404:						0	0	0	0	0	0	0

**Line Item M01 - Systems Engineering**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs)for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None											
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Resources	Cost Element	Skill	Department	Curve	Quantity	Units
750	STRAIGHT TIME BASE	E130 OTHER ENGINEERS	K150S Material Stewardship	Linear	0.00	Hours
Factors	0	Hours				

0.8 Budget Cuts

Activity ID: 1CAFTD450 Description: FY00 Tech Developmt - EM-50/RF D&D Init (EM50)

Cost Risk 1 Schedule Risk 1

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
C01	Project Management	1.00	Each	HC	360	360	15,340	0	0	15,340	12,629	27,969
C02	Systems Engineering	1.00	Each	HC	0	0	0	185,000	0	185,000	17,760	202,760
C03	Procure Size Reduction Equipment	1.00	Each	HC	0	0	0	400,000	0	400,000	38,400	438,400
F01	Procure Cutting and Lifting Manipulators	1.00	Each	HC	0	0	0	550,000	0	550,000	52,800	602,800
G01	Project Management	1.00	Each	HC	360	360	15,340	0	0	15,340	12,629	27,969
G02	Characterization of Buried Equipment	1.00	Each	HC	0	0	0	85,000	0	85,000	8,160	93,160
J01	Initial SCO Evaluation/Deployment	1.00	Each	HC	0	0	0	258,262	0	258,262	24,793	283,055
N01	Project Management	1.00	Each	HC	360	360	15,340	0	0	15,340	12,629	27,969
N02	Complete Users Requirements Document	1.00	Each	HC	0	0	0	165,000	0	165,000	15,840	180,840
Total for Activity 1CAFTD450:						1,080	46,019	1,643,262	0	1,689,281	195,640	1,884,921

**Line Item C01 - Project Management**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs)for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None											
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Resources	Cost Element	Skill	Department	Curve	Quantity	Units
750	STRAIGHT TIME BASE	M030 MANAGEMENT INTEGRATORS (GR	K281S Building 771 Closure Project	Linear	360.00	Hours
Factors	360	Hours				

**Line Item C02 - Systems Engineering**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs)for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None											
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Resources	Cost Element	Skill	Department	Curve	Quantity	Units
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WBS No: 1CAFTD04  
Activity ID: 1CAFTD450

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1CAF  
Activity Filter \*

Starts In FY \*

A5H	SUBCONTRACTED SRVS	0000	NONE	K281S	Building 771 Closure Project	Linear	185.000.00	Dollars
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Factors 185000 Dollars

**Line Item C03 - Procure Size Reduction Equipment**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs)for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	A5H	SUBCONTRACTED SRVS	0000	NONE	K281S	Building 771 Closure Project	Linear	400,000.00	Dollars

Factors 400000 Dollars

**Line Item F01 - Procure Cutting and Lifting Manipulators**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs)for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	A5H	SUBCONTRACTED SRVS	0000	NONE	K281S	Building 771 Closure Project	Linear	550,000.00	Dollars

Factors 550000 Dollars

**Line Item G01 - Project Management**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs)for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	M030	MANAGEMENT INTEGRATORS (GR	K399S	Building 776 Project	Linear	360.00	Hours

Factors 360 Hours

**Line Item G02 - Characterization of Buried Equipment**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs)for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None
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Resources	Cost Element	Skill	Department	Curve	Quantity	Units
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WBS No: 1CAFTD04  
Activity ID: 1CAFTD450

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1CAF  
Activity Filter \*

Starts In FY \*

A5H	SUBCONTRACTED SRVS	0000	NONE	K399S	Building 776 Project	Linear	85.000.00	Dollars
Factors 85000 Dollars								

**Line Item J01 - Initial SCO Evaluation/Deployment**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None							
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	A5H	SUBCONTRACTED SRVS	0000	NONE	K398S	Building 371 Closure Project	Linear	258,262.00	Dollars
	Factors 258262 Dollars								

**Line Item N01 - Project Management**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None							
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	M030	MANAGEMENT INTEGRATORS (GR	K311S	D&D Program	Linear	360.00	Hours
	Factors	360	Hours						

**Line Item N02 - Complete Users Requirements Document**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None							
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	165.000.00	Dollars
	Factors 165000 Dollars								

Activity ID: 1CAFTD451 Description: FY01 Tech Developmt - EM-50/Rf D&D Init (EM50)

Cost Risk 1 Schedule Risk 1

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
A01	Project Management	1.00	Each	HC	1.600	1.600	68.176	0	0	68.176	51.945	120.121
A03	Procure Drive Vehicle	1.00	Each	HC	0	0	0	300.000	0	300.000	20.100	320.100
A04	Procure Container	1.00	Each	HC	0	0	0	274.000	0	274.000	18.358	292.358
A05	Procure Three SBPCs	1.00	Each	HC	0	0	0	300.000	0	300.000	20.100	320.100
A06	Building Modifications and SBPC Installation	1.00	Each	HC	0	0	0	403.000	0	403.000	27.001	430.001
C01	Project Management	1.00	Each	HC	1.000	1.000	42.610	0	0	42.610	32.466	75.076
C04	Procure Remaining Equipment/Containment	1.00	Each	HC	0	0	0	1,724.000	0	1,724.000	115.508	1,839.508
E01	Partial Funding to Procure Size Reduction System	1.00	Each	HC	0	0	0	456.022	0	456.022	30.553	486.575
G01	Project Management	1.00	Each	HC	600	600	25.566	0	0	25.566	19.479	45.045



WBS No: 1CAFTD04  
Activity ID: 1CAFTD451

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1CAF  
Activity Filter \*

		1.00	Each	HC	0	0	0	185.000	0	185.000	12.395	197.395	
G03	Systems Engineering	1.00	Each	HC	1.300	1.300	44.473	0	0	44.473	33.885	78.358	
J02	Systems Engineering/Building Decontamination	1.00	Each	HC	0	0	0	160.000	0	160.000	10.720	170.720	
J03	Demonstrate Improved Decontamination Systems	1.00	Each	HC	0	0	0	0	231.963	231.963	0	231.963	
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	0	0	0	0	
Total for Activity 1CAFTD451:					4.500	180.825	3.802.022	231.963	4.214.810	392.510	4.607.320		

**Line Item A01 - Project Management**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs)for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None											
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Resources		Cost Element		Skill		Department		Curve	Quantity	Units
750	STRAIGHT TIME BASE	M030	MANAGEMENT INTEGRATORS (GR	K311S	D&D Program	Linear	1.600.00	Hours		

Factors 1600 Hours

**Line Item A03 - Procure Drive Vehicle**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs)for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None											
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Resources		Cost Element		Skill		Department		Curve	Quantity	Units
A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	300.000.00	Dollars		

Factors 300000 Dollars

**Line Item A04 - Procure Container**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs)for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None											
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Resources		Cost Element		Skill		Department		Curve	Quantity	Units
A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	274.000.00	Dollars		

Factors 274000 Dollars

**Line Item A05 - Procure Three SBPCs**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs)for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None											
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WBS No: 1CAFTD04  
Activity ID: 1CAFTD451

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1CAF  
Activity Filter \*

Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	300.000.00	Dollars

Factors 300000 Dollars

**Line Item A06 - Building Modifications and SBPC Installation**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs)for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None								
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	403.000.00	Dollars

Factors 403000 Dollars

**Line Item C01 - Project Management**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs)for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None								
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	M030	MANAGEMENT INTEGRATORS (GR	K281S	Building 771 Closure Project	Linear	1.000.00	Hours

Factors 1000 Hours

**Line Item C04 - Procure Remaining Equipment/Containment**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs)for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None								
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	A5H	SUBCONTRACTED SRVS	0000	NONE	K281S	Building 771 Closure Project	Linear	1.724.000.00	Dollars

Factors 1724000 Dollars

**Line Item E01 - Partial Funding to Procure Size Reduction System**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs)for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None								
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units

WBS No: 1CAFTD04  
Activity ID: 1CAFTD451

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1CAF  
Activity Filter \*

Starts In FY \*

A5H	SUBCONTRACTED SRVS	0000	NONE	K281S	Building 771 Closure Project	Linear	456,022.00	Dollars
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Factors 456022 Dollars

**Line Item G01 - Project Management**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs)for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	M030	MANAGEMENT INTEGRATORS (GR	K399S	Building 776 Project	Linear	600.00	Hours

Factors 600 Hours

**Line Item G03 - Systems Engineering**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs)for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	A5H	SUBCONTRACTED SRVS	0000	NONE	K399S	Building 776 Project	Linear	185,000.00	Dollars

Factors 185000 Dollars

**Line Item J02 - Systems Engineering/Building Decontamination**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs)for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	F130	OTHER ENGINEERS	K281S	Building 771 Closure Project	Linear	1,300.00	Hours

Factors 1300 Hours

**Line Item J03 - Demonstrate Improved Decontamination Systems**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs)for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None
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Resources	Cost Element	Skill	Department	Curve	Quantity	Units
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WBS No: 1CAFTD04  
Activity ID: 1CAFTD451

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1CAF  
Activity Filter \*

A5H	SUBCONTRACTED SRVS	0000	NONE	K281S	Building 771 Closure Project	Linear	160.000.00	Dollars
Factors		160000 Dollars						

**Line Item SYS - Contingency And Escalation**

**BOE**

Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	139.958.60	Dollars
	Factors 139959 Dollars								
	ESC	ESCALATION	0000	NONE	ZDEPT	No Department	Linear	92.003.98	Dollars
Factors 92004 Dollars									

Activity ID: 1CAFTD452 Description: FY02 Tech Developmt - EM-50/RF D&D Init (EM50)

Cost Risk 1 Schedule Risk 1

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
G01	Project Management	1.00	Each	HC	950	950	40.480	0	0	40.480	26.324	66.804
G04	Procure Size Reduction Equipment/Containment	1.00	Each	HC	0	0	0	1.650.000	0	1.650.000	150.150	1.800.150
J04	Procure Systems	1.00	Each	HC	0	0	0	380.000	0	380.000	34.580	414.580
SYS	Contingency And Escalation	1.00	lea	EE	0	0	0	0	341.005	341.005	0	341.005
Total for Activity 1CAFTD452:						950	40.480	2.030.000	341.005	2.411.485	211.054	2.622.539

**Line Item G01 - Project Management**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs)for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	M030	MANAGEMENT INTEGRATORS (GR	K399S	Building 776 Project	Linear	950.00	Hours
	Factors 950 Hours								

**Line Item G04 - Procure Size Reduction Equipment/Containment**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs)for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	A5H	SUBCONTRACTED SRVS	0000	NONE	K399S	Building 776 Project	Linear	1,650,000.00	Dollars
	Factors		1650000 Dollars						

**Line Item J04 - Procure Systems**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs)for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None
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WBS No: 1CAFTD04  
Activity ID: 1CAFTD452

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1CAF  
Activity Filter \*

Resources	Cost Element	Skill	Department	Curve	Quantity	Units
A5H	SUBCONTRACTED SRVS	0000 NONE	K281S Building 771 Closure Project	Linear	380.000.00	Dollars

Factors 380000 Dollars

**Line Item SYS - Contingency And Escalation**

**BOE**

Resources	Cost Element	Skill	Department	Curve	Quantity	Units
CON	CONTINGENCY	0000 NONE	ZDEPT No Department	Linear	234.386.10	Dollars

Factors 234386 Dollars

ESC	ESCALATION	0000 NONE	ZDEPT No Department	Linear	106.619.40	Dollars
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Factors 106619 Dollars

Activity ID: 1CAFTD453 Description: FY03 Tech Developmt - EM-50/RF D&D Init (EM50)

Cost Risk 1 Schedule Risk 1

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
L01	Evaluate/Test Instruments	1.00	Each	HC	0	0	0	590.000	0	590.000	53.100	643.100
N01	Project Management	1.00	Each	HC	1.600	1.600	68.176	0	0	68.176	43.651	111.827
N03	Systems Engineering	1.00	Each	HC	0	0	0	230.000	0	230.000	20.700	250.700
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	278.807	278.807	0	278.807
Total for Activity 1CAFTD453:						1.600	68.176	820.000	278.807	1.166.983	117.451	1.284.433

**Line Item L01 - Evaluate/Test Instruments**

**BOE**

Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J.  
Experience Item Desc -  
Breakdown of Cost Data:  
Item -  
Units -  
Unit Cost -  
Unit Cost Adjustment factor - N/A  
Revised Unit Cost - None  
Basis for adjustment - None

Resources	Cost Element	Skill	Department	Curve	Quantity	Units
A5H	SUBCONTRACTED SRVS	0000 NONE	K150S Material Stewardship	Linear	590.000.00	Dollars

Factors 590000 Dollars

**Line Item N01 - Project Management**

**BOE**

Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J.  
Experience Item Desc -  
Breakdown of Cost Data:  
Item -  
Units -  
Unit Cost -  
Unit Cost Adjustment factor - N/A  
Revised Unit Cost - None  
Basis for adjustment - None

Resources	Cost Element	Skill	Department	Curve	Quantity	Units
750	STRAIGHT TIME BASE	M030 MANAGEMENT INTEGRATORS (GR	K311S D&D Program	Linear	1.600.00	Hours

Factors 1600 Hours

**Line Item N03 - Systems Engineering**

**BOE**

Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J.  
Experience Item Desc -  
Breakdown of Cost Data:  
Item -  
Units -  
Unit Cost -  
Unit Cost Adjustment factor - N/A  
Revised Unit Cost - None

WBS No: 1CAFTD04  
Activity ID: 1CAFTD453

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1CAF  
Activity Filter \* Starts In FY \*

Basis for adjustment - None

Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	230.000.00	Dollars

Factors 230000 Dollars

**Line Item SYS - Contingency And Escalation**

**BOE**

Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	201.689.90	Dollars

Factors 201690 Dollars

Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	ESC	ESCALATION	0000	NONE	ZDEPT	No Department	Linear	77.116.73	Dollars

Factors 77116.7 Dollars

Activity ID: 1CAFTD454 Description: FY04 Tech Developmt - EM-50/RF D&D Init (EM50)

Cost Risk 1 Schedule Risk 1

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
L02	Systems Engineering	1.00	Each	HC	1.400	1.400	47.894	0	0	47.894	26.998	74.892
L03	Procure Systems and Instrumentation	1.00	Each	HC	0	0	0	660.000	0	660.000	60.060	720.060
L04	Certify Instruments	1.00	Each	HC	0	0	0	45.000	0	45.000	4.095	49.095
L05	Installation/Initial Use	1.00	Each	HC	550	550	18.815	55.000	0	73.816	15.611	89.427
N01	Project Management	1.00	Each	HC	1.600	1.600	68.176	0	0	68.176	38.431	106.607
N04	Systems End/Demolition Contractor Interface	1.00	Each	HC	0	0	0	135.000	0	135.000	12.285	147.285
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	169.541	169.541	0	169.541
Total for Activity 1CAFTD454:						3.550	134.886	895.000	169.541	1.199.426	157.481	1.356.907

**Line Item L02 - Systems Engineering**

**BOE**

Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs)for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J.  
Experience Item Desc -  
Breakdown of Cost Data:  
Item -  
Units -  
Unit Cost -  
Unit Cost Adjustment factor - N/A  
Revised Unit Cost - None  
Basis for adjustment - None

Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	E130	OTHER ENGINEERS	K150S	Material Stewardship	Linear	1.400.00	Hours

Factors 1400 Hours

**Line Item L03 - Procure Systems and Instrumentation**

**BOE**

Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs)for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J.  
Experience Item Desc -  
Breakdown of Cost Data:  
Item -  
Units -  
Unit Cost -  
Unit Cost Adjustment factor - N/A  
Revised Unit Cost - None  
Basis for adjustment - None

Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	A5C	SUPPLIES	0000	NONE	K150S	Material Stewardship	Linear	660.000.00	Dollars

Factors 660000 Dollars

**Line Item L04 - Certify Instruments**

**BOE**

Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs)for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J.  
Experience Item Desc -  
Breakdown of Cost Data:

WBS No: 1CAFTD04  
Activity ID: 1CAFTD454

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1CAF  
Activity Filter \*

Starts In FY \*

Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None						
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	A5H	SUBCONTRACTED SRVS	0000	NONE	K150S	Material Stewardship	Linear	45,000.00	Dollars

Factors 45000 Dollars

**Line Item L05 - Installation/Initial Use**

BOE		Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs)for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None										
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	E130	OTHER ENGINEERS	K150S	Material Stewardship	Linear	550.00	Hours

Factors 550 Hours

		A5H	SUBCONTRACTED SRVS		0000	NONE		K150S	Material Stewardship	Linear	55.000.00	Dollars
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Factors 55000 Dollars

**Line Item N01 - Project Management**

BOE		Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs)for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None										
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	M030	MANAGEMENT INTEGRATORS (GR	K311S	D&D Program	Linear	1.600.00	Hours

Factors 1600 Hours

**Line Item N04 - Systems Eng/Demolition Contractor Interface**

BOE		Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs)for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None										
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	135,000.00	Dollars

Factors 135000 Dollars

**Line Item SYS - Contingency And Escalation**

BOE						
Resources	Cost Element	Skill	Department	Curve	Quantity	Units

WBS No: 1CAFTD04  
Activity ID: 1CAFTD454

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1CAF  
Activity Filter \*

Starts In FY \*

CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	55.534.34	Dollars
Factors 55534.3 Dollars								
ESC	ESCALATION	0000	NONE	ZDEPT	No Department	Linear	114.006.50	Dollars
Factors 114007 Dollars								

WBS No:	1CAFTD05	Title:	ASTD Decontamination to SCO
Activity ID:	1CAFTD501	Description:	FY01 Tech Developmt - ASTD Decon/SCO (SF)
		Cost Risk	1
		Schedule Risk	1

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
B01	Systems Engineering	1.00	Each	HC	5.300	5.300	181.313	0	0	181.313	86.486	267.799
B02	Installation/Startup	1.00	Each	HC	1.200	1.200	41.052	380.000	0	421.052	19.582	440.634
B03	Procedures Training AB	1.00	Each	HC	2.950	2.950	100.919	0	0	100.919	48.139	149.058
B04	Additional Deployments Equipment	1.00	Each	HC	0	0	0	556.823	0	556.823	0	556.823
B05	Additional Deployments Installation/Startup	1.00	Each	HC	0	0	0	290.000	0	290.000	0	290.000
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	90.355	90.355	0	90.355
Total for Activity 1CAFTD501:						9.450	323.284	1.226.823	90.355	1.640.463	154.207	1.794.670

**Line Item B01 - Systems Engineering**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs)for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None
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Resources	Cost Element	Skill	Department	Curve	Quantity	Units
	750 STRAIGHT TIME BASE	E130 OTHER ENGINEERS	K281S Building 771 Closure Project	Linear	5.300.00	Hours
Factors 5300 Hours						

**Line Item B02 - Installation/Startup**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs)for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None
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Resources	Cost Element	Skill	Department	Curve	Quantity	Units
	750 STRAIGHT TIME BASE	E130 OTHER ENGINEERS	K281S Building 771 Closure Project	Linear	1.200.00	Hours
Factors 1200 Hours						
	A5H SUBCONTRACTED SRVS	0000 NONE	K281S Building 771 Closure Project	Linear	380.000.00	Dollars
Factors 380000 Dollars						

**Line Item B03 - Procedures, Training, AB**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs)for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None
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WBS No: 1CAFTD05  
Activity ID: 1CAFTD501

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1CAF  
Activity Filter \*

Resources	Activity 1: 100		Activity 2: 100		Activity 3: 100		Activity 4: 100	
	Cost Element	Skill	Department	Curve	Quantity	Units		
750	STRAIGHT TIME BASE	E130 OTHER ENGINEERS	K281S Building 771 Closure Project	Linear	2.950.00	Hours		

Factors 2950 Hours

**Line Item B04 - Additional Deployments Equipment**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None						
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	A5C	SUPPLIES	0000	NONE	K281S	Building 771 Closure Project	Linear	556.823.00	Dollars

Factors 556823 Dollars

**Line Item B05 - Additional Deployments Installation/Startup**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None						
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	A5H	SUBCONTRACTED SRVS	0000	NONE	K281S	Building 771 Closure Project	Linear	290,000.00	Dollars

Factors 290000 Dollars

**Line Item SYS - Contingency And Escalation**

BOE												
Resources	Cost Element			Skill		Department		Curve	Quantity	Units		
	CON	CONTINGENCY		0000	NONE		ZDEPT	No Department		Linear	54.517.48	Dollars
	Factors 54517.5 Dollars											
	ESC	ESCALATION		0000	NONE		ZDEPT	No Department		Linear	35.837.92	Dollars

Factors 35837.9 Dollars

Activity ID: 1CAFTD502 Description: FY02 Tech Developmt - ASTD Decon/SCO (SF)

Cost Risk 1 Schedule Risk 1

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
B05	Additional Deployments Installation/Startup	1.00	Each	HC	0	0	0	232,000	0	232,000	0	232,000
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	34.675	34.675	0	34.675
Total for Activity 1CAFTD502:						0	0	232,000	34.675	266,675	0	266,675

**Line Item B05 - Additional Deployments Installation/Startup**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None						
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Resources	Cost Element	Skill	Department	Curve	Quantity	Units
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WBS No: 1CAFTD05  
Activity ID: 1CAFTD502

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1CAF  
Activity Filter \*

A5H	SUBCONTRACTED SRVS	0000	NONE	K281S	Building 771 Closure Project	Linear	232,000.00	Dollars
Factors 290000 Dollars								

0.8 Budget Cuts

**Line Item SYS - Contingency And Escalation**

**BOE**

**Resources**

Cost Element		Skill		Department		Curve	Quantity	Units
CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	23,833.78	Dollars

Factors 23833.8 Dollars

ESC	ESCALATION	0000	NONE	ZDEPT	No Department	Linear	10,841.69	Dollars
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Factors 10841.7 Dollars

Activity ID: 1CAFTD550 Description: FY00 Tech Developmt - ASTD Decon/SCO (EM50)

Cost Risk 1 Schedule Risk 1

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
1.0 Std Work Pkg	Develop Std Work Pkg (1ACT302010)	1.00	each	EE	0	0	0	22,320	0	22,320	2,143	24,463
1.06 Misc IWCP	Misc IWCP's to ready room (1ACT302010)	1.00	ls	EE	0	0	0	25,000	0	25,000	2,400	27,400
1.09 Commodities	Dev/Proc Commodities for 6 tks (1ACT302010)	1.00	ls	EE	0	0	0	100,000	0	100,000	9,600	109,600
1.8 Commodities	Procure Commodities (1ACT302300)	1.00	ls	EE	0	0	0	50,000	0	50,000	4,800	54,800
2.0 FDP (2300)	Design Delivery Sys & Rinsing Sys (1ACT302300)	1.00	each	EE	0	0	0	50,000	0	50,000	4,800	54,800
3.1.1 Foo Tank	Foo Tanks (1ACT302100)	1.00	each	EE	0	0	0	4,102	0	4,102	394	4,495
3.3.4 Post Fixative	Prep/Apply Fixative Smear&Rmv Equip. (1ACT302500)	1.00	each	EE	0	0	0	5,164	0	5,164	496	5,660
A01	Systems Engineering	1.00	Each	HC	2,910	2,910	99,551	0	0	99,551	81,959	181,510
A02	Procure Systems and Instrumentation	1.00	Each	HC	0	0	0	484,974	0	484,974	46,558	531,532
B (2100)	Project Planning & Implementation (1ACT302100)	1.00	each	EE	0	0	0	52,323	0	52,323	5,023	57,346
B (2300)	Project Planning & Implementation (1ACT302300)	1.00	each	EE	0	0	0	58,863	0	58,863	9,006	67,869
D3	Purchase Scanning Equip for B371 (1AQ00MS100)	1.00	each	VQ	0	0	0	20,300	0	20,300	1,949	22,249
Total for Activity 1CAFTD550:						2,910	99,551	873,046	0	972,597	169,126	1,141,724

**Line Item 1.0 Std Work Pkg - Develop Std Work Pkg (1ACT302010)**

**BOE**

Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J.  
Experience Item Desc -  
Breakdown of Cost Data:  
Item -  
Units -  
Unit Cost -  
Unit Cost Adjustment factor - N/A  
Revised Unit Cost - None  
Basis for adjustment - None

**Resources**

Cost Element		Skill		Department		Curve	Quantity	Units
A5H	SUBCONTRACTED SRVS	P070	COST ESTIMATORS PLANNERS AN	KA20S	B371/374 Facility Management	Linear	22,320.00	Dollars

Factors 2 Planners 180 hrs 62 \$/hr

**Line Item 1.06 Misc IWCP - Misc IWCP's to ready room (1ACT302010)**

**BOE**

Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J.  
Experience Item Desc -  
Breakdown of Cost Data:  
Item -  
Units -  
Unit Cost -  
Unit Cost Adjustment factor - N/A  
Revised Unit Cost - None  
Basis for adjustment - None

**Resources**

Cost Element		Skill		Department		Curve	Quantity	Units
A5H	SUBCONTRACTED SRVS	0000	NONE	KA70S	B371 Facility Disposition	Linear	25,000.00	Dollars

Factors 25000 \$ for MTCE IWCPs

WBS No: 1CAFTD05  
Activity ID: 1CAFTD550

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1CAF  
Activity Filter \*

Starts In FY \*

**Line Item 1.09 Commodities - Dev/Proc Commodities for 6 tks (1ACT302010)**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None					
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Resources		Cost Element	Skill	Department	Curve	Quantity	Units
A5C	SUPPLIES	0000	NONE	KA70S	B371 Facility Disposition	Linear	100.000.00 Dollars

Factors 100000 \$ per list in Appendix 2

**Line Item 1.8 Commodities - Procure Commodities (1ACT302300)**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None					
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Resources		Cost Element	Skill	Department	Curve	Quantity	Units
A5C	SUPPLIES	0000	NONE	KA70S	B371 Facility Disposition	Linear	50.000.00 Dollars

Factors 50000 \$ for first 6 tanks

**Line Item 2.0 EDP (2300) - Design Delivery Sys & Rinsing Sys (1ACT302300)**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None					
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Resources		Cost Element	Skill	Department	Curve	Quantity	Units
A5H	SUBCONTRACTED SRVS	0000	NONE	KA70S	B371 Facility Disposition	Linear	50.000.00 Dollars

Factors 50000 \$

**Line Item 3.1.1 Fog Tank - Fog Tanks (1ACT302100)**

BOE	Estimators Experience - Joel Kohler is the current Raschig Ring Removal Technology Deployment (RTD) Project Lead and has been an integral part of the B371 Facility Dispositioning team over the past year. He compiled the estimate based upon his previous experiences. Larry Martella (current Project Engineer) also helped develop the estimate and has knowledge of the requirements.  Experience Item Desc - This line item contains the work scope for fogging and ring/sludge removal for the first 6 Test Tanks in Set 2 (Tanks D55A, D55B, D56, D69A, D69B, D69C). Room preparations and post tank configuration is also included in the estimate.  Breakdown of Cost Data: Item - Cost fogging and ring/sludge removal. Units - tank Unit Cost - hours and \$/tank Unit Cost Adjustment factor - N/A Revised Unit Cost - N/A Basis for adjustment - N/A					
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Resources		Cost Element	Skill	Department	Curve	Quantity	Units
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WBS No: 1CAFTD05  
Activity ID: 1CAFTD550

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1CAF  
Activity Filter \*

Starts In FY \*

A5H	SUBCONTRACTED SRVS	0000	NONE	KA70S	B371 Facility Disposition	Linear	250.00	Dollars
Factors	2	day/room	250	\$/day (equip. set up/removal)	0.5	rooms		
A5H	SUBCONTRACTED SRVS	0000	NONE	KA70S	B371 Facility Disposition	Linear	1,450.80	Dollars
Factors	3	ET Labor (prep & foading)	2	days - 1 set up & 1 to remove/room	0.5	rooms	8	hrs/day
	60.45	\$/hr						
A5H	SUBCONTRACTED SRVS	0000	NONE	KA70S	B371 Facility Disposition	Linear	950.00	Dollars
Factors	1	day/tank	950	\$/day (equip. use charges)	1	tanks		
A5H	SUBCONTRACTED SRVS	0000	NONE	KA70S	B371 Facility Disposition	Linear	1,450.80	Dollars
Factors	3	ET Labor (prep & foading)	1	day to foq/tank	1	tanks	8	hrs/day
	60.45	\$/hr						

**Line Item 3.3.4 Post Fixative - Prep/Apply Fixative,Smear&Rmv Equip. (1ACT302500)**

BOE	Estimators Experience - Joel Kohler is the current Raschig Ring Removal Technology Deployment (RTD) Project Lead and has been an integral part of the B371 Facility Dispositioning team over the past year. He compiled the estimate based upon his previous experiences. Larry Martella (current Project Engineer) also helped develop the estimate and has knowledge of the requirements.
	Experience Item Desc - This line item contains the work scope for post decon fixative application, smearing the tank after fixative application, and removal of delivery system of the first 6 Test Tanks in Set 2 Room 3559(Tanks D55A, D55B, D56, D69A, D69B, D69C).
	Breakdown of Cost Data: Item - Costs for fixative application, smearing the tank after fixative application, and removal of delivery system. Unit Cost - 82 hours and \$5,164/tank Unit Cost Adjustment factor - N/A Revised Unit Cost - N/A Basis for adjustment - N/A

Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	A5H	SUBCONTRACTED SRVS	0000	NONE	KA70S	B371 Facility Disposition	Linear	1,900.00	Dollars
	Factors	2	days/tank		950	\$/day (equip use charges)			
	A5H	SUBCONTRACTED SRVS	0000	NONE	KA70S	B371 Facility Disposition	Linear	3,264.30	Dollars
	Factors	3	ET Labor		2	days/tank		9	hrs/day
							60.45	\$/day	

**Line Item A01 - Systems Engineering**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs)for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	E130	OTHER ENGINEERS	K281S	Building 771 Closure Project	Linear	2,910.00	Hours
	Factors 2910 Hours								

**Line Item A02 - Procure Systems and Instrumentation**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs)for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	A5H	SUBCONTRACTED SRVS	0000	NONE	K281S	Building 771 Closure Project	Linear	484,974.00	Dollars
	Factors    484974   Dollars								

WBS No: 1CAFTD05  
Activity ID: 1CAFTD550

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1CAF  
Activity Filter \*

Starts In FY \*

**Line Item B (2100) - Project Planning & Implementation (1ACT302100)**

BOE	Estimators Experience - Joel Kohler is the current Raschig Ring Removal Technology Deployment (RTD) Project Lead and has been an integral part of the B371 Facility Dispositioning team over the past year. He compiled the estimate based upon his previous experiences.									
	Experience Item Desc - This line item contains the work scope for planning & implementation of the Set 2 Raschig Ring Tank Fogging/Ring Removal effort.									
	Breakdown of Cost Data:									
	Item - Cost for subcontract consultant to oversee the planning and implementation of the Set 2 Raschig Ring Tank Fogging/Ring Removal effort.									
	Units - lot									
	Unit Cost - \$51,047									
	Unit Cost Adjustment factor - N/A									
	Revised Unit Cost - N/A									
	Basis for adjustment - N/A									

Cost Element			Skill			Department			Curve	Quantity	Units
A5H	SUBCONTRACTED SRVS		E130	OTHER ENGINEERS		KA70S	B371 Facility Disposition		Linear	52,322.97	Dollars
Factors	0.75	FTE (Kohler @ 75%)	82	days		8	hrs/dav		103.25	\$/hr	
	1.03	Rate escalation									

**Line Item B (2300) - Project Planning & Implementation (1ACT302300)**

BOE	Estimators Experience - Joel Kohler is the current Raschig Ring Removal Technology Deployment (RTD) Project Lead and has been an integral part of the B371 Facility Dispositioning team over the past year. He compiled the estimate based upon his previous experiences.									
	Experience Item Desc - This line item contains the work scope for planning & implementation of the Cerium Decon Mockup effort.									
	Breakdown of Cost Data:									
	Item - Cost for subcontract consultant to oversee the planning and implementation of the Cerium Decon Mockup effort.									
	Units - lot									
	Unit Cost - \$									
	Unit Cost Adjustment factor - N/A									
	Revised Unit Cost - N/A									
	Basis for adjustment - N/A									

Cost Element			Skill			Department			Curve	Quantity	Units
A5H	SUBCONTRACTED SRVS		E130	OTHER ENGINEERS		S100S	SSOC Salaried		Linear	58,863.34	Dollars
Factors	82	days		6.75	hrs/dav (Kohler) @ 75%		103.25	\$/hr	1.03	Rate escalation	

**Line Item D3 - Purchase Scanning Equip for B371 (1AQ00MS100)**

BOE	Vendor Name -									
	Vendor Quote -									
	Quote Received by - Frank Lamb									
	Date Received -									
	Item being quoted - Cost for scanning equipment to be dedicated for B371 use.									
	Other Info -									
	Availability -									

Cost Element			Skill			Department			Curve	Quantity	Units
A5C	SUPPLIES		0000	NONE		KA70S	B371 Facility Disposition		Linear	20,300.00	Dollars
Factors	101500	Scannina Equioment	0.2	FY00 Costs							

Activity ID: 1CAFTD551 Description: FY01 Tech Developmt - ASTD Decon/SCO (EM50)

Cost Risk 1 Schedule Risk 1

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
3.1.1 Fog Tank	Fog Tanks (1ACT302100)	1.00	each	EE	0	0	0	13,705	0	13,705	918	14,623
3.3.4 Post Fixative	Prep/Apply Fixative Smear&Rmv Equip. (1ACT302500)	5.00	each	EE	0	0	0	25,822	0	25,822	1,730	27,552
A02	Procure Systems and Instrumentation	1.00	Each	HC	0	0	0	343,965	0	343,965	23,046	367,011
A03	Installation	1.00	Each	HC	970	970	33,184	238,400	0	271,584	41,256	312,840
B (2100)	Project Planning & Implementation (1ACT302100)	1.00	each	EE	0	0	0	24,247	0	24,247	1,625	25,872
D3	Purchase Scanning Equip for B371 (1AQ00MS100)	1.00	each	VQ	0	0	0	81,200	0	81,200	5,440	86,640
SYS	Contingency And Escalation	1.00	lea	EE	0	0	0	0	44,244	44,244	0	44,244
Total for Activity 1CAFTD551:						970	33,184	727,339	44,244	804,766	74,015	878,781

WBS No: 1CAFTD05  
Activity ID: 1CAFTD551

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1CAF  
Activity Filter \*

Starts In FY \*

**Line Item 3.1.1 Fog Tank - Fog Tanks (1ACT302100)**

BOE

Estimators Experience - Joel Kohler is the current Raschig Ring Removal Technology Deployment (RTD) Project Lead and has been an integral part of the B371 Facility Dispositioning team over the past year. He compiled the estimate based upon his previous experiences. Larry Martella (current Project Engineer) also helped develop the estimate and has knowledge of the requirements.

Experience Item Desc - This line item contains the work scope for fogging and ring/sludge removal for the first 6 Test Tanks in Set 2 (Tanks D55A, D55B, D56, D69A, D69B, D69C). Room preparations and post tank configuration is also included in the estimate.

Breakdown of Cost Data:  
Item - Cost fogging and ring/sludge removal.  
Units - tank  
Unit Cost - hours and \$/tank  
Unit Cost Adjustment factor - N/A  
Revised Unit Cost - N/A  
Basis for adjustment - N/A

Resources

Cost Element		Skill		Department		Curve	Quantity	Units
A5H	SUBCONTRACTED SRVS	0000	NONE	KA70S	B371 Facility Disposition	Linear	7,254.00	Dollars
Factors	3	ET Labor (prep & fogging)	1	day to fog/tank	5	tanks	8	hrs/day
	60.45	\$/hr						
A5H	SUBCONTRACTED SRVS	0000	NONE	KA70S	B371 Facility Disposition	Linear	250.00	Dollars
Factors	2	day/room	250	\$/day (equip. set up/removal)	0.5	rooms		
A5H	SUBCONTRACTED SRVS	0000	NONE	KA70S	B371 Facility Disposition	Linear	1,450.80	Dollars
Factors	3	ET Labor (prep & fogging)	2	days - 1 set up & 1 to remove/room	0.5	rooms	8	hrs/day
	60.45	\$/hr						
A5H	SUBCONTRACTED SRVS	0000	NONE	KA70S	B371 Facility Disposition	Linear	4,750.00	Dollars
Factors	1	day/tank	950	\$/day (equip. use charges)	5	tanks		

**Line Item 3.3.4 Post Fixative - Prep/Apply Fixative, Smear&Rmv Equip. (1ACT302500)**

BOE

Estimators Experience - Joel Kohler is the current Raschig Ring Removal Technology Deployment (RTD) Project Lead and has been an integral part of the B371 Facility Dispositioning team over the past year. He compiled the estimate based upon his previous experiences. Larry Martella (current Project Engineer) also helped develop the estimate and has knowledge of the requirements.

Experience Item Desc - This line item contains the work scope for post decon fixative application, smearing the tank after fixative application, and removal of delivery system of the first 6 Test Tanks in Set 2 Room 3559(Tanks D55A, D55B, D56, D69A, D69B, D69C).

Breakdown of Cost Data:  
Item - Costs for fixative application, smearing the tank after fixative application, and removal of delivery system.  
Unit Cost - 82 hours and \$5,164/tank  
Unit Cost Adjustment factor - N/A  
Revised Unit Cost - N/A  
Basis for adjustment - N/A

Resources

Cost Element		Skill		Department		Curve	Quantity	Units
A5H	SUBCONTRACTED SRVS	0000	NONE	KA70S	B371 Facility Disposition	Linear	1,900.00	Dollars
Factors	2	days/tank	950	\$/day (equip use charges)				
A5H	SUBCONTRACTED SRVS	0000	NONE	KA70S	B371 Facility Disposition	Linear	3,264.30	Dollars
Factors	3	ET Labor	2	days/tank	9	hrs/day	60.45	\$/day

**Line Item A02 - Procure Systems and Instrumentation**

BOE

Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J.

Experience Item Desc -  
Breakdown of Cost Data:  
Item -  
Units -  
Unit Cost -  
Unit Cost Adjustment factor - N/A  
Revised Unit Cost - None  
Basis for adjustment - None

Resources

Cost Element		Skill		Department		Curve	Quantity	Units
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WBS No: 1CAFTD05  
Activity ID: 1CAFTD551

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1CAF  
Activity Filter \*

Starts In FY \*

A5C	SUPPLIES	0000	NONE	K281S	Building 771 Closure Project	Linear	343.965.00	Dollars
Factors 343965 Dollars								

**Line Item A03 - Installation**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None							
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Resources	Cost Element	Skill	Department	Curve	Quantity	Units
750	STRAIGHT TIME BASE	E130	OTHER ENGINEERS	K281S	Building 771 Closure Project	Linear 970.00 Hours
Factors 970 Hours						
A5H	SUBCONTRACTED SRVS	0000	NONE	K281S	Building 771 Closure Project	Linear 238.400.00 Dollars
Factors 238400 Dollars						

**Line Item B (2100) - Project Planning & Implementation (1ACT302100)**

BOE	Estimators Experience - Joel Kohler is the current Raschig Ring Removal Technology Deployment (RTD) Project Lead and has been an integral part of the B371 Facility Dispositioning team over the past year. He compiled the estimate based upon his previous experiences.  Experience Item Desc - This line item contains the work scope for planning & implementation of the Set 2 Raschig Ring Tank Fogging/Ring Removal effort. Breakdown of Cost Data: Item - Cost for subcontract consultant to oversee the planning and implementation of the Set 2 Raschig Ring Tank Fogging/Ring Removal effort. Units - lot Unit Cost - \$51,047 Unit Cost Adjustment factor - N/A Revised Unit Cost - N/A Basis for adjustment - N/A							
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Resources	Cost Element	Skill	Department	Curve	Quantity	Units
A5H	SUBCONTRACTED SRVS	E130	OTHER ENGINEERS	KA70S	B371 Facility Disposition	Linear 24.247.23 Dollars
Factors 0.75 FTE (Kohler @ 75%) 38 days 8 hrs/dav 103.25 \$/hr 1.03 Rate escalation						

**Line Item D3 - Purchase Scanning Equip for B371 (1AQ00MS100)**

BOE	Vendor Name - Vendor Quote - Quote Received by - Frank Lamb Date Received - Item being quoted - Cost for scanning equipment to be dedicated for B371 use. Other Info - Availability -							
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Resources	Cost Element	Skill	Department	Curve	Quantity	Units
A5C	SUPPLIES	0000	NONE	KA70S	B371 Facility Disposition	Linear 81.200.00 Dollars
Factors 101500 Scanning Equipment 0.8 FY01 Costs						

**Line Item SYS - Contingency And Escalation**

BOE										
Resources	Cost Element			Skill		Department		Curve	Quantity	Units
	CON	CONTINGENCY		0000	NONE	ZDEPT	No Department	Linear	26.695.12	Dollars
	Factors 26695.1 Dollars									
	ESC	ESCALATION		0000	NONE	ZDEPT	No Department	Linear	17.548.45	Dollars
	Factors 17548.5 Dollars									

WBS No:	1CAFTD06	Title:	ASTD Upgrade Rad Instrumentation	Cost Risk	1	Schedule Risk	1
Activity ID:	1CAFTD601	Description:	FY01 Tech Developmt - ASTD Upgrad Rad Inst (SF)				

WBS No: 1CAFTD06  
Activity ID: 1CAFTD601

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1CAF  
Activity Filter \*

Starts In FY \*

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
B01	Prepare Instrumentation Specifications and P.O.'s	1.00	Each	HC	765	765	26,171	0	0	26,171	12,483	38,654
B01x	Prepare Instrumentation Specifications and P.O.'s	1.00	Each	HC	0	0	0	0	0	0	0	0
B02	Procure Instrumentation	1.00	Each	HC	0	0	0	793,253	0	793,253	0	793,253
B02x	Procure Instrumentation	1.00	Each	HC	0	0	0	0	0	0	0	0
B03	Deploy Instrumentation	1.00	Each	HC	2,295	2,295	78,512	0	0	78,512	37,450	115,962
B03x	Deploy Instrumentation	1.00	Each	HC	0	0	0	0	0	0	0	0
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	50,252	50,252	0	50,252
Total for Activity 1CAFTD601:						3,060	104,683	793,253	50,252	948,188	49,934	998,121

**Line Item B01 - Prepare Instrumentation Specifications and P.O.'s**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs)for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None											
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Resources	Cost Element	Skill	Department	Curve	Quantity	Units
	750 STRAIGHT TIME BASE	E130 OTHER ENGINEERS	K281S Building 771 Closure Project	Linear	765.00	Hours
Factors 765 Hours						

**Line Item B01x - Prepare Instrumentation Specifications and P.O.'s**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs)for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None											
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Resources	Cost Element	Skill	Department	Curve	Quantity	Units
	750 STRAIGHT TIME BASE	E130 OTHER ENGINEERS	K281S Building 771 Closure Project	Linear	0.00	Hours
Factors 0 Hours						

**Line Item B02 - Procure Instrumentation**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs)for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None											
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Resources	Cost Element	Skill	Department	Curve	Quantity	Units
	A5C SUPPLIES	0000 NONE	K281S Building 771 Closure Project	Linear	793,253.00	Dollars
Factors 793253 Dollars						

**Line Item B02x - Procure Instrumentation**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs)for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data:											
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WBS No: 1CAFTD06  
Activity ID: 1CAFTD601

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1CAF  
Activity Filter \*

Starts In FY \*

Item -  
Units -  
Unit Cost -  
Unit Cost Adjustment factor - N/A  
Revised Unit Cost - None  
Basis for adjustment - None

Resources	Cost Element	Skill	Department	Curve	Quantity	Units
A5C	SUPPLIES	0000 NONE	K281S Building 771 Closure Project	Linear	0.00	Dollars

Factors 0 Dollars

**Line Item B03 - Deploy Instrumentation**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None					
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Resources	Cost Element	Skill	Department	Curve	Quantity	Units
750	STRAIGHT TIME BASE	E130 OTHER ENGINEERS	K281S Building 771 Closure Project	Linear	2.295.00	Hours

Factors 2295 Hours

**Line Item B03x - Deploy Instrumentation**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None					
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Resources	Cost Element	Skill	Department	Curve	Quantity	Units
750	STRAIGHT TIME BASE	E130 OTHER ENGINEERS	K281S Building 771 Closure Project	Linear	0.00	Hours

Factors 0 Hours

**Line Item SYS - Contingency And Escalation**

BOE						
Resources	Cost Element	Skill	Department	Curve	Quantity	Units
CON	CONTINGENCY	0000 NONE	ZDEPT No Department	Linear	30.320.37	Dollars

Factors 30320.4 Dollars

ESC	ESCALATION	0000 NONE	ZDEPT No Department	Linear	19.931.57	Dollars
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Factors 19931.6 Dollars

Activity ID: 1CAFTD650 Description: FY00 Tech Devlpmt - ASTD Upard Rad Inst (EM50)

Cost Risk 1 Schedule Risk 1

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
A01	Prepare Instrumentation Specifications and P.O.'s	1.00	Each	HC	575	575	19.671	0	0	19.671	16.195	35.865
A02	Procure Instrumentation	1.00	Each	HC	0	0	0	380.000	0	380.000	36.480	416.480
A03	Deploy Instrumentation	1.00	Each	HC	575	575	19.671	0	0	19.671	16.195	35.865
Total for Activity 1CAFTD650:						1.150	39.341	380.000	0	419.342	68.869	488.211

**Line Item A01 - Prepare Instrumentation Specifications and P.O.'s**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc -					
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WBS No: 1CAFTD06  
Activity ID: 1CAFTD650

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1CAF  
Activity Filter \*

Starts In FY \*

Breakdown of Cost Data:  
Item -  
Units -  
Unit Cost -  
Unit Cost Adjustment factor - N/A  
Revised Unit Cost - None  
Basis for adjustment - None

Cost Element		Skill		Department		Curve	Quantity	Units
750	STRAIGHT TIME BASE	E130	OTHER ENGINEERS	K281S	Building 771 Closure Project	Linear	575.00	Hours
Factors 575 Hours								

**Line Item A02 - Procure Instrumentation**

**BOE** Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J.  
Experience Item Desc -  
Breakdown of Cost Data:  
Item -  
Units -  
Unit Cost -  
Unit Cost Adjustment factor - N/A  
Revised Unit Cost - None  
Basis for adjustment - None

Cost Element		Skill		Department		Curve	Quantity	Units
A5C	SUPPLIES	0000	NONE	K281S	Building 771 Closure Project	Linear	380.000.00	Dollars
Factors 380000 Dollars								

**Line Item A03 - Deploy Instrumentation**

**BOE** Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J.  
Experience Item Desc -  
Breakdown of Cost Data:  
Item -  
Units -  
Unit Cost -  
Unit Cost Adjustment factor - N/A  
Revised Unit Cost - None  
Basis for adjustment - None

Cost Element		Skill		Department		Curve	Quantity	Units
750	STRAIGHT TIME BASE	E130	OTHER ENGINEERS	K281S	Building 771 Closure Project	Linear	575.00	Hours
Factors 575 Hours								

Activity ID: 1CAFTD651 Description: FY01 Tech Devlpmnt - ASTD Upard Rad Inst (EM50)

Cost Risk 1 Schedule Risk 1

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
A01	Prepare Instrumentation Specifications and P.O.'s	1.00	Each	HC	190	190	6.500	0	0	6.500	4.952	11.452
A02	Procure Instrumentation	1.00	Each	HC	0	0	0	311.544	0	311.544	20.873	332.417
A03	Deploy Instrumentation	1.00	Each	HC	1.720	1.720	58.841	0	0	58.841	44.832	103.674
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	23.727	23.727	0	23.727
Total for Activity 1CAFTD651:						1.910	65.341	311.544	23.727	400.612	70.658	471.270

**Line Item A01 - Prepare Instrumentation Specifications and P.O.'s**

**BOE** Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J.  
Experience Item Desc -  
Breakdown of Cost Data:  
Item -  
Units -  
Unit Cost -  
Unit Cost Adjustment factor - N/A  
Revised Unit Cost - None  
Basis for adjustment - None

WBS No: 1CAFTD06  
Activity ID: 1CAFTD651

**Rockv Flats Closure Project**  
**Baseline Cost and Basis of Estimate**

Project Baseline Devl  
WBS Filter 1CAF  
Activity Filter \*

Resources	Cost Element	Skill	Department	Curve	Quantity	Units
750	STRAIGHT TIME BASE	E130 OTHER ENGINEERS	K281S Building 771 Closure Project	Linear	190.00	Hours

Factors 190 Hours

**Line Item A02 - Procure Instrumentation**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None  Estimators Experience - Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - Revised Unit Cost - Basis for adjustment -					
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Resources	Cost Element	Skill	Department	Curve	Quantity	Units
A5C	SUPPLIES	0000 NONE	K281S Building 771 Closure Project	Linear	311.544.00	Dollars

Factors 311544 Dollars

**Line Item A03 - Deploy Instrumentation**

BOE	Estimators Experience - Pat Ervin, Ned Hutchins, Charles Brown, and Tom Scott developed Descriptions of Work (DOWs) and detailed bases of estimates (BOEs) for all D&D programs activities including sitewide integration, technology deployment, and characterization activities. These DOWs will reside in B-T771J. Experience Item Desc - Breakdown of Cost Data: Item - Units - Unit Cost - Unit Cost Adjustment factor - N/A Revised Unit Cost - None Basis for adjustment - None					
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Resources	Cost Element	Skill	Department	Curve	Quantity	Units
750	STRAIGHT TIME BASE	E130 OTHER ENGINEERS	K281S Building 771 Closure Project	Linear	1.720.00	Hours

Factors 1720 Hours

**Line Item SYS - Contingency And Escalation**

BOE						
Resources	Cost Element	Skill	Department	Curve	Quantity	Units
CON	CONTINGENCY	0000 NONE	ZDEPT No Department	Linear	14.315.98	Dollars

Factors 14316 Dollars

ESC	ESCALATION	0000 NONE	ZDEPT No Department	Linear	9.410.84	Dollars
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Factors 9410.84 Dollars

**Report Totals:**

Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
89.719	3.987.460	34.123.492	4.183.536	42.294.487	2.895.680	45.190.167